

Observations in midwifery : as also The country midwives opusculum or vade mecum / by Percivall Willughby ... ; edited from the original MS, by Henry Blenkinsop.

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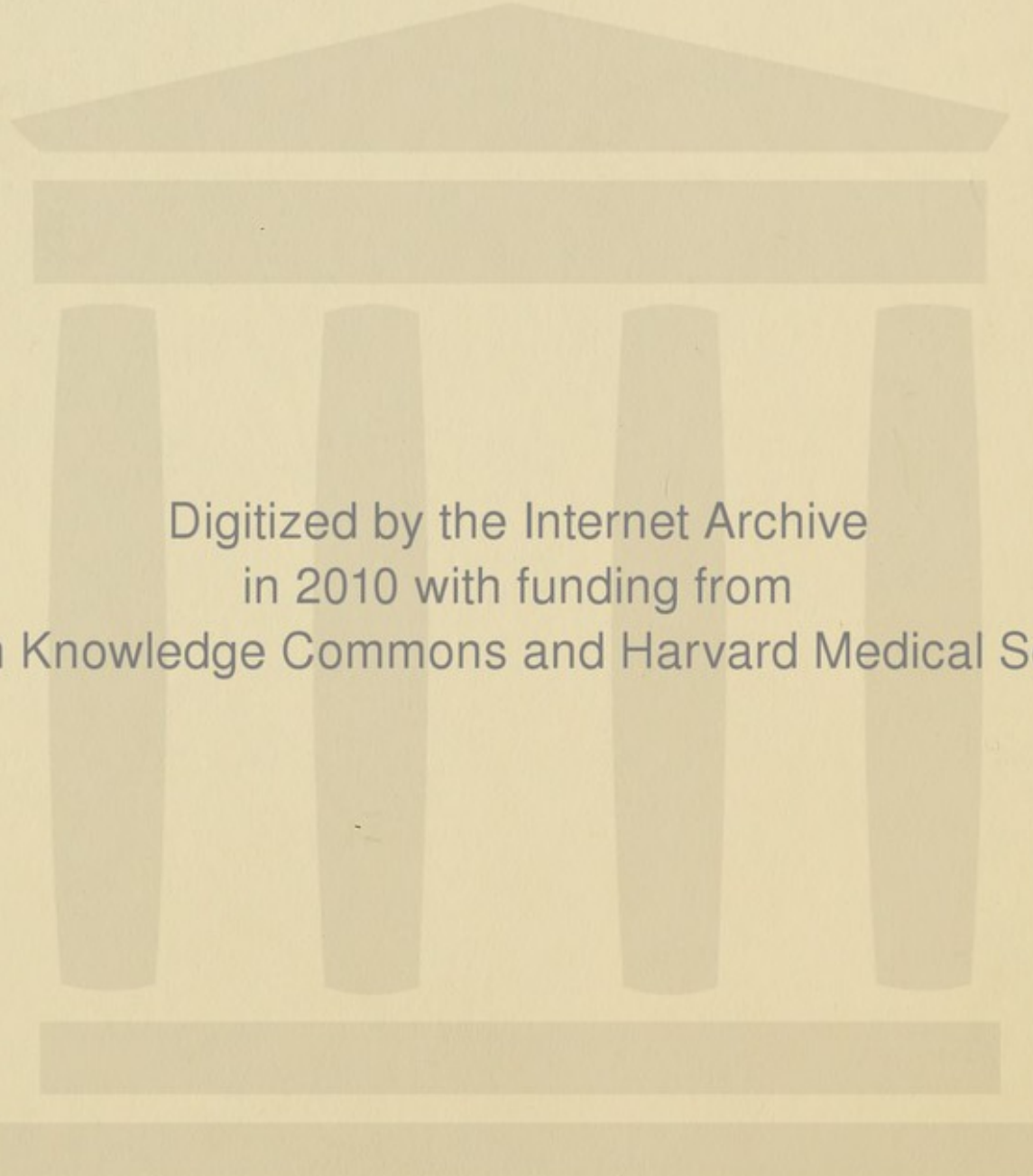


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J.S. HEAVISIDE SC.

OBSERVATIONS IN
M I D W I F E R Y .

AS ALSO

THE COUNTRY MIDWIFES OPUSCULUM
OR VADE MECUM.

By **PERCIVALL WILLUGHBY,** *Gentleman.*



EDITED FROM THE ORIGINAL MS. BY
HENRY BLENKINSOP, F.R.C.S.E.

ETC. ETC. ETC.

*Da spatium tenuemque moram, male cuncta ministrat
Impetus.*

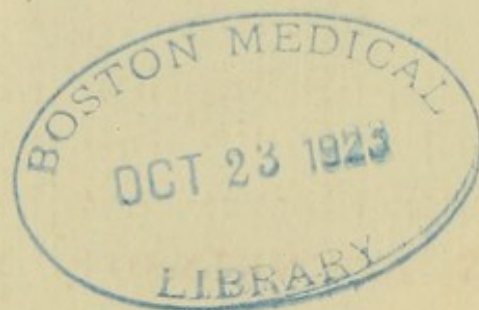
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PREFACE.

The curious MS. which is now first printed, was purchased by me some years ago from a Bookseller's Catalogue. It is written throughout with great neatness, and bound in old calf. There is a paper amongst the Sloane MSS. (No. 529) which contains a portion of the *Observations*, but in a condensed form; and there is in the possession of J. H. Aveling, Esq., M.D., of Sheffield, a MS. resembling mine, both in the handwriting and the binding, though in some respects it is not quite so complete. I am indebted to Dr. Aveling for his courtesy and kindness in allowing me to compare his MS. with mine.

My thanks are also due to several other members of the medical profession, and especially to William Munk, Esq., M.D., the learned compiler of *The Roll of the Royal College of Physicians of London*, for their assistance in my endeavours to obtain information respecting the life of Percival Willughby.

I regret that the result has been so unsatisfactory. Repeated attacks of illness have, during the last two years, prevented me from pursuing the subject further, and have delayed the publication of this book so long, that I feel I cannot offer sufficient apologies to those gentlemen who have kindly sent in their names as subscribers.

I venture to hope that the volume so long promised will be an acceptable addition to the libraries of my professional brethren.

HENRY BLENKINSOP.



BIOGRAPHICAL NOTICE.



ASCION of two ancient and illustrious families, a Physician of great repute, actively engaged in the practice of Midwifery in the Counties of Derby and Stafford, and in London, for half a century, Percival Willughby has nevertheless left behind him no materials from which a complete biography can be compiled. The personal information respecting him is fragmentary and unsatisfactory. He was born in the year 1596, and was, as Dr. Denman remarks in the Preface to his *Introduction to the Practice of Midwifery*, "one of the six sons of Sir Percival Willughby, and grandson of Sir Francis, so famous in the time of Queen Elizabeth." He was in fact the sixth son of Sir Percival, and as appears from a MS. pedigree of the family, was uncle to the celebrated Francis Willughby, the Naturalist. Sir Francis Willughby, who was born in 1547, and who built Wollaton Hall, in Nottinghamshire, married Elizabeth, daughter of Sir John Littleton, of Frankley, and by her had five daughters, the eldest of whom, Bridget, married Sir Percival Willughby, of the house of Eresby. Sir Percival Willughby and Bridget his wife had issue five daughters and six sons. The fourth son, Sir Francis Willughby, Knight, was the father

of the Naturalist, whose son, Sir Francis, the first Baronet of the family, dying unmarried, was succeeded by Thomas, his brother and heir, who, in 1711, was created the first Baron Middleton. The sixth son was Percival. It is a curious circumstance in connection with the future pursuits of our author Percival, that his father and mother, in the reign of Queen Elizabeth, prayed for a writ "*de ventre inspiciendo*" against Dorothy, the second wife and widow of Sir Francis Willoughby, of Wollaton, which Dorothy alleged herself to be with child by Sir Francis.

The proceedings in the case are so curious, that we make no apology for inserting the following extract from the old Law Reports :—

WILLOUGHBIES CASE.

"Percival Willoughby, and Bridget his wife, one of the co-heirs of Sir Francis Willoughby, (because Sir Francis Willoughby died seized of a great inheritance, having five daughters, whereof the eldest was married to Percival Willoughby, and not any son ; and the said Sir Francis, leaving his wife Dorothy, who, at the time of his death, pretended herself to be with child by Sir Francis, which, if it were a son, all the five sisters should thereby lose the inheritance descended unto them,) prayed a writ *de ventre inspiciendo* out of the Chancery directed to the Sheriff of London, that he should cause the said Dorothy to be viewed by twelve knights, and searched by twelve women, in the presence of the twelve knights, and *ad tractandum per ubera* and *ventrem inspiciend*, whether she were with child, and to certify the same unto the Common Bench. And if she were with child, to

certify for how long time in their judgments and *quando sit paritura*. Whereupon the Sheriff accordingly caused her to be searched, and returned that she was twenty weeks gone with child, and that within twenty weeks *fuit paritura*. Whereupon another writ issued out of the Common Bench, commanding the Sheriff safely to keep her in such an house, and that the doors should be well guarded, and that every day he should cause her to be viewed by some of the women named in the writ, (wherein ten were named), and when she should be delivered, that some of them should be with her, to view her birth, whether it be male or female, to the intent there should not be any falsity. And upon this writ the Sheriff returned—That accordingly he had caused her to be kept, &c. And that such a day she was delivered of a daughter.' See *Croke's Elizabeth*, London, 1669, p. 566.

We have not been able to procure any information respecting the early life of Percival Willughby, except that he received a first-rate education, the expense of which his father could ill afford ; and that he was a lad of great industry. Percival and his brothers, Thomas and Henry, were first sent to school at Trowbridge, and from thence were removed to Rugby. They were afterwards removed to Eton, and finally, all three were sent to complete their education at Oxford. The master of the school at Rugby wrote several letters to Sir Percival, in which he commended them all for their great industry. These particulars appear in a MS. account of the Willughby family, formerly in the library at Stowe, written by Cassandra Willughby, the second wife of James, the first Duke of Chandos. This MS. in so far as it relates to our author Percival, appears to have been compiled from letters

and papers which were in the library at Wollaton, and we extract from it the following interesting particulars :—

“While Sir Percival was thus grievously oppressed with the want of money, his son Henry, and his son Percival (who were at Trinity College, in Oxford) suffered under the same calamity.

There are, in the library at Wollaton, several letters written from Oxford, by Percival Willughby to his father, in which he very generously expressed his concern for the expence which Sir Percival was at, to maintain him at Oxford, and his desire to free him from that charge.

There is a letter from him to Sir Percival, dated January, 1619, in which he writ that now a fair opportunity offered itself, for his uncle Robert Willughby had proposed his being placed with Mr. Feames Van Otten, who, for a hundred pounds, offered to keep him seven years, and to teach him Music, Physic, and Surgery ; and had promised to use him like a son, maintain him like a gentleman, and allow him the free use of his study, and to teach him the secrets of physic : that under him he should have time for his own private studies, and to keep his public exercises as before. And after this, his Uncle Robert had promised that he should live with him, and that he would bring him into his business.

In other letters, Percival Willughby earnestly pressed his father to consent to this offer, and not to scruple his being so placed, as thinking it an undervaluing to him, for, with God's blessing, he did not doubt but the profession of Physic would make him more happy than his two eldest

brothers ; and by the help of that practice, he believed he should never stand in need of them, but he questioned not that they would stand in need of him.

It appears by the old papers that Sir Percival was at last prevailed upon by his son, and did consent to send him for seven years to this famous person, Mr. Feames Van Otten, who used Percival Willughby with great kindness, but died before his time was out. There is a very melancholy letter from him to Sir Percival, upon the death of Mr. Feames Van Otten, in which he grievously lamented the loss of such a master.

This Percival Willughby so well improved himself in the time he served so good a master, that he soon took his Doctor's degree, and became a very eminent Physician.

He married the daughter of Sir Francis Coke, of Trusley, A.D., 1631, and settled himself in Derby town, where he practised Physic, and lived in great repute, till he was near ninety years of age. He had by this wife two or three sons, who all died unmarried, and two daughters, the eldest of which married Mr. Hart, and the younger married Mr. Burton, of Derby.

Henry was not so fortunate as his younger Brother, Percival, who, by his practice, gained such an income, as allowed him to live with great plenty, but Henry, who studied the Law, did not live to reap much profit by it ; after following that study at Oxford, he removed to the Inward Temple, and, from thence, he writ a great many very melancholy letters to Sir Percival, his Father, which still remain in the Library at Wollaton."

It is doubtful whether the family historian is correct in stating that Percival Willughby took his Doctor's degree. We have been unable to find any record of it. The passage in the MS. would naturally lead to the conclusion that he took the Degree early in life, and that can hardly have been the case, for on February 20th, 1640-1, he was admitted an extra licenciate of the Royal College of Physicians, of London, and was described as "in villâ et comitatu Derbiensi et alibi in Medicinâ bene et multum exercitatus," but there was no mention of his possessing a degree in Medicine.*

Neither did he possess it in 1666, when his wife died, if we may draw any inference from the inscription on her gravestone, in which he describes himself as simply "generosus." It is true that in the inscription on his own gravestone he is described as M.D., but that in itself would not necessarily imply more than Physician.

The statement that he settled in Derby, in 1631, is, however, corroborated by our author's reports of cases attended by him (v. p. 268,) and in fact it is probable that he was practising there in 1630, (v. p. 130), but when and where he first commenced practice we are unable to discover. He must have been in practice as early as 1624, if we may rely upon his statement made in January, 1669, that he had practised "nigh forty-five years," (v. p. 114.)

Until the year 1655 he appears to have practised in Derbyshire, and to have been resident in Derby, but in that year we find him living in

* See the Roll of the Royal College of Physicians of London, by William Munk, M.D., Vol. I., p. 213.

Staffordshire, (v. p. 259, "whilst that I lived in Stafford, &c." and p. 49.) and it would seem that he was not resident in Staffordshire for a long time before 1655, for he says (p. 77) "About the year 1654, I travailed with my guide, about the middle of summer, all the fore part of the night, and was brought to Bromidgham, in Staffordshire."

His sojourn then in Stafford was not of long duration, for in 1656 we find him in London, and in this instance he gives us in a few words, the reason for his removal. "I left Stafford and went to London, there to live for the better education of my children, in May, 1656. And by reason of an Apothecary, that formerly had lived in Stafford, I quickly had some practice in midwifery, among the meaner sort of women." (v. p. 238.)

During his residence in London, however, he was not without practice of a higher class, for in 1658 we find him, with his daughter, attending "Sir Tennebs Evanks lady."

His daughter at this period appears to have been of great service to him. The first mention of her is in 1655, when he takes her with him to a case at Congerton, (v. p. 158), but in 1656 she appears to have been competent to attend cases without her father's assistance, and to have practised in Staffordshire, and subsequently in London. (v. p. 119.)

We cannot positively fix the duration of Willughby's residence in London, but inasmuch as he mentions cases in London in 1658, and 1659, and in 1660 we find him attending a case eight miles from Derby, it may fairly be assumed that he returned to Derby sometime in the year 1659, or 1660.

Here he resumed the extensive and laborious practice which he appears to have carried on till within a few years of his death ; frequently taking long journies on horseback through the night, regardless of bad roads and bad weather ; now staying several days with a patient in the country, receiving all the time importunate messages from other ladies who required his services ; now losing his way in a forest, and riding hard to be in time.

It is possible that his son may have assisted him during the later years of his practice, for he mentions receiving such assistance in the year 1670, (p. 175,) and it is noticeable that his observations on cases cease about that time.

He died in the year 1685, at the advanced age of 89.

On a stone placed within the rails of the Communion table in the Chancel of St. Peter's, Derby, is the following inscription :—

“Hic jacet corpus Percivalli Willughby, M.D., fili Percivalli Willughby de Woollaton in Comitatu Nottingham, Militis. Obiit 2 die Octob. Anno Salutis 1685.

Ætatis suæ 89.”

Beneath this inscription are the arms of Willughby, and on a stone near it is the following inscription to the memory of Elizabeth, our author's wife :—

“Hic jacet Elizabetha uxor Perciva. Willughby gen. filia Francisci Coke de Trusley Milit. ipsa obiit 15 Feb. 1666, ætatis suæ 67.



Explanation of Title Page.

The figure of Juno Lucina represented on the title page, is engraved from a cast taken by Mr. Doubleday, of the British Museum, from a fine Roman large brass coin of the Empress Lucilla, in the collection of the Museum.

At the request of a friend, Edward Hawkins, Esq , F.R.S., F.S.A., keeper of the antiquities in the Museum, has kindly permitted the coin to be copied expressly for this publication.

The flower held in the right hand of the Goddess is part of the ancient emblem of Hope ; and the object of hope seems to be indicated by a figure of an infant at the side of the Divinity.

The whole representation would appear to point out the trust of the Empress in the protection of the Goddess Juno Lucina during parturition.

Explanation of Frontispiece.

This curious woodcut is copied from a rare volume intituled "*Thomæ Bartholini Antiquitatûm veteris puerperii Synopsis.*"—Amstelodami MDCLXXVI. It is thus explained in the text, and accompanying note.

"Imminente puerperio clavis tradita á maritis, locusque puerperii idem eligebatur, quem olim habuerant Patres, purpura stratus antiqua imperii nota, sed ad plures ob luxum deinde divulgata. Habitu ornantur proprio, quem ex figulina tabula eruimus*. Caput fasciis cinctum, pallio abjecto et soleis, quæ peracto resumuntur opere.

Assident, sed nec poplite in alterum genu imposito, nec digitis pectinatim implexis.

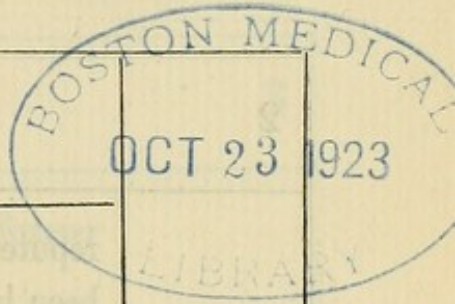
Proxima quæque apprehendentes dolore se sublevant, primaque cura est, ob partus facilitatem, palmam tetigisse.'

* Tabulam illam figulinam, quæ asservabatur olim in Museo V.C. Martii Milesii Sarazani exhibet nobis *Jac. Philip. Tomasinus* de Donariis, ex quo nos eam hic proponimus

Tabulam hanc Puerperarum votum exhibere et Dianæ Nemorensi sacram putat Tomasinus, quippe quæ Nemi inventa est, ubi celebre olim Dianæ Templum. Continet autem hæc obstetricem, quæ puerum in lucem jam editum gremio foveat, et dextra mulierem puerperam sustinet fere nudam, habitu dimisso. Ita enim de habitu puerperæ *Plautus Truculent. Act II. Sc. 5.*

. vosmet jam videtis


Ut ornata incedo puerperio "



Observations in Midwifery,

By Percivall Willughby,

Gentleman.

everall Worthies have set forth the wayes of anatomizing of the womb. An eminent person of late hath published a treatise "De formato foetu." Severall others have written of the diseases of the womb.

These little belong to the knowledge of midwives, I shall therefore passe by these learned works. My endeavours shall bee very little to meddle with diseases, physick, or medicines, but to shew the handy operation to midwives, how to produce the foetus, when perfectly formed, and how to help poor suffering women in distresses, and, chiefly to direct the country young midwives, with what I have read, seen and performed, giving them severall examples, and caveats, with perswasions, intreating them not to bee too busie afore fitting time. So their women will bee more easily, and better helped in their sufferings, and their own

repute advanced in the practice of midwifery, by observing what hath been by mee performed at severall times in diverse places.

And for their good I have put forth these observations in English, knowing that few of our midwives bee learned in severall languages. For I have been with some that could not read, with severall that could not write; with many that understood very little of practice, and for such as these bee, it would do no good to speak to them of the anatomizing of the womb, or to tell them of the learned workes of Mercatus, or Sennertus, or Spigelius.

What I shall do is not to shew any new way of practice to the learned (of whom I desire to be instructed) but to inform the ignorant common midwives with such wayes as I have used with good successe. My thoughts bee onely for a publick good, and chiefly to benefit my own nation, and the midwives inhabiting England. And it is my desire to expresse myself in such plain familiar words in this work, as may bee well understood by them, for the better easing of labouring women and the saving of poor innocent infants lives.

To set forth a discourse concerning the posture of the child inclosed in the womb, would not at all advance their knowledg, and I do decline it. For Pareus saith, that reason cannot shew the certaine situation of the infant in the womb, and that it is altogether uncertain, variable and diverse, both in living and in dead women. It will bee sufficient for midwives to know in what posture the child commeth, and how to alter unnatural and difficult births, and so to help their women in distresse, that the secondine or uterine cake groweth to the botom of the womb, and is firmly there fastened to the uterus, and that it is not easily separated from it, except it bee when the birth is drawing toward

the delivery, at which time, like a ripe fruit, it easily forgoeth the former connexion.

Yet it may bee usefull to give them a glimmering light, what learned anatomists have, in some part, set forth.

They say that there bee two coats Amnion and Chorion, which cover the infant in the womb, which coates or membranes hold in the waters, in which the body of the infant swimmeth.

To which membranes other Anatomists adde a third, which they call Allontoides, which some call a duplication of the membrane Chorion, and some doubt whether there bee such a coat as Allontoides.

And these Anatomists and Physicians say, that the humour, which is contained in the Amnion, is most thin and transparent; but the humour which is in Chorion is thicker and darker.

And that these coats Amnion and Chorion do encompassse the infant in the womb, and that the use of these membranes, or coates, is to contain and keep in the waters, in which the infant swimmeth, and with which the foetus is nourished.

This coat Chorion is rough and viscous without, but within smooth and glib, and in women the upper part of it is thicker and softer, and fleshy, but the lower part thinner and more membranous. And in women this membrane, called Chorion, groweth to the secondine, and the secondine sticketh to the side, or upper part of the womb.

In processe of time, when the thinner and purer part of these humours bee exhausted, the relicks do then put on the nature af an usefull

excrement, and are reserved in some animals, that they may secure the foetus, and facilitate the delivery, by their moisture making supple the straits of the womb, and so enlarging the narrow passages.

Most of the purer part of the humour inclosed in the coat Amnion is commonly spent near the approaching time of delivery, and then it is probable that the foetus desireth to get forth, by reason that his provisions fail him.

Then, through the infant's enforcing, and the paines of the mother, the womb openeth, and the Chorion, containing the waters, descendeth, which the midwives feeling, they say that the waters gather, and that the birth approacheth. After the breaking of these waters, the child followeth them.

At this time, and not afore, the midwife may be assistent to the labouring woman, for the better helping of the comming forth of the child, or rather for the receiving of it.

After the child is born, the midwife must fetch away the secondine. The upper part thereof doth stick to the womb all the time that the woman goeth with child. But the middle part thereof doth grow to the Chorion. And this secondine, or after-birth, separating of it self, doth come away last in the delivery; and is constituted of the humours, membranes, and fleshy substance, as also of the umbilicall vessels.

Let the midwife look on the secondine, after that she hath fetched it, and it will shew her this membrane Chorion, like a broken bladder, from whence the waters issued, and in which the infant, swimming in the waters, was contained, sticking to the secondine, into which the navel-

string is inserted, by which navel-string the midwife's hand is guided for the bringing away of the secondine.

And I was moved rather to speak of the Chorion and Amnion, and of the waters in which the child swimmeth, hanging by the navel-string, for that there bee some simple midwives that imagine that the child oft sticketh to the woman's back; and they do not blush to affirme their ignorances, how they have separated the child from sticking to the back.

In the first place, I wish and desire all midwives not to bee too forward, or too officious in their undertakings, least that they disquiet nature, whose onely work it is, and I would have them to understand, that they bee but nature's servants in all their performances, and that they must attend her time and motion, as hereafter shall be shewed.

Secondly to be cautious, That they take not the wind, or stone-colick, or such like distemperatures, or the raging paines and swellings of cancerous tumours in the womb, for a woman's labour, that is with child.

An ordinary, poor, gentle clyster will shew the truth of these differences, and there is no place so barren that will not afford sufficient materials to make it.

Bee not afraid to use such clysters as may onely free your women from several dis-quiets in their bodies, for they cannot hurt any woman, or her burden; they will prepare, supple, and make a larger way for a better passage, and will make the work more easy and prosperous under your hands, by bringing away the common excrements, filling the great gut, which oft cause a long and troublesome labour, hindering the descent of the child.

Anno 1630 I was desired by one Powell, a countryman, dwelling at Weston in Darbyshire, to visit his wife. Her midwife beleev'd that shee was in labour, and had used some enforcing endeavours to lay her. But, after my comming, finding that the waters had not flow'd, and that the womb was closed, instead of proceeding any farther, I caus'd her to take a clyster of milk, in which was boiled an handfull of chamomil, to which strained was added a spoon-full of sugar, and, afterward, the yolk of an egge; and this was given lukewarme. Shee found great easement at the receiving of it. Shee went immediately to her bed, shee slept quietly all the night; at the discharging of it, in the morning, all the dis-quiets of her body were removed, and shee continued well for the space of a moneth, after which time shee was well delivered.

In my first dayes of ignorance, I thought that it was the best way to suffer midwives to stretch the labia vulvæ with their hands and fingers, when the throwes approach'd. But friendly nature in time shew'd mee my mistaking error. Through the remotenes and the large distance of severall places whereunto I was call'd, the women, in the meane time, keeping the labouring woman warm and quiet, and the midwife desisting from using violence, by such usage I found the woman oft happily delivered before my comming; and so it was made manifest to mee by observation, That haling, with pulling, and stretching their bodies, with suffering them to take cold, did ever much hurt, and never any good to women in distresse to procure or hasten labour.

At the first approaching pain, bee it of labour, or of the colick, or of tumours, or through sharp humors, or costivenes, a lenitive clyster will mitigate the labouring woman's sufferings, and facilitate the work, no way hurting the woman, or child.

Let the quantity not exceed a one six ounces, or, at the most, to bee but half a pint, and the longer the labouring woman keepeth it, the better successe will follow.

The reason, why so little a quantity is prescribed, is, for that it may bee the longer retained, and so it better easeth, suppleth, and enlargeth the passages.

At Chesterfield, in Darbyshire, about the yeare 1646, Dorothy North, wife to Gilbert, being great with child, was afflicted with some disquiets in her belly. Severall midwives were called to assist her; one of them thrust up her hand, and made great struggling in her body; at the taking of it forth, her hand was all over bloody, and this midwife made great vaunts of her skil, and doings, and said, That the child did stick to the woman's back, but that shee had removed it.

At my comming, I found that the waters had not flowed, and that the womb was closed; I gave her a milky clyster that much abated her paines. I instructed one of the milder sort, that was left alone with her, what to do, and what to observe, and intreated her to bee gentle and patient with the woman, and to stay the appointed time, assuring her, That the fruit would fall off it-self, when that it was full ripe.

Some two or three dayes after my departure, shee was well delivered by this midwife, but her child was dead. I saw this woman Anno 1668, shee hath had severall children since her harsh usage; shee, with her children, were then living, and in good health.

I should bee troubled to heare any midwife affirme, that a child did, or could, stick to the back, or side, of the mother. It would argue

and shew a grosse ignorance in such a midwife. Let midwives make it rather manifest, that they have so much understanding in their callings as to know, That the child is inclosed within the membranes in the womb, and that it there swimmeth in water, and that the womb doth not stick to the back, or side, much lesse the child, swimming in water, and inclosed in severall coates, containing or holding in, these waters in the womb. And that they cannot help any woman before the womb doth open, and that, in part, some of the waters have issued.

And, if that, in any place, they shall heare other midwives, or women, to affirme such untruths, to give no credit unto their sayings, but to account them ignorant and foolish, void of knowledg in the midwife's bed.

In London Anno 1656 I was desired by a countryman, dwelling foure miles from the city, to visit his wife. Hee said, That shee had been in labour severall dayes, and could not bee delivered by the midwife.

I found this woman sitting up, and very faint, and her young midwife troublesome, and sharply chiding the woman in pain, telling her, That shee could have found in her heart to have tied her feet in her chaire, and so, whether shee would or not, to have delivered her.

I gave the woman and midwife good words; I put the woman into her bed, and afterward, perceiving by my fingers that no waters had issued, and that the womb was closed, I gave her a clyster that much eased her paines; afterward, with cordiall powders and juleps, her disquiets were taken away, and about a quarter of a year afterward shee was happily delivered of a living child.

I leave all women to their liberty to make choice of their midwife, yet I will not bee forward to perswade them to take such a midwife, as will bind them, perforce, fast in their chaires, against their wills. Or, that will pull, stretch, or hale their bodies, or use any violence to enforce the womb, in hopes of a speedier delivery. Such struglings and doings make a difficult, painfull, and long labour.

Not far from Nottingham there dwelt a good woman that oft had great pashes of bloud, accompanied with pain, comming from the womb.

Some midwives affirmed that shee was with child, whereupon Physicians were consulted with. Upon the wrong informations of these midwives their prescriptions proved fruitles, and afforded no ease to the afflicted woman.

But one of these midwives afterward assured her, That shee could ease and deliver her of the child. The poor woman in distresse, desirous to be freed of her tortures, hearkened and submitted to her skill. The midwife thrust up her hand into her body, and took hold of shee knew not what, and endeavoured violently to pull it away. But through her struglings and enforcements, great pains ensued, with a flux of bloud, and the woman being not able to endure such violence, the midwife was restrained from farther proceedings.

After this usage I was sent for, instead of a child, I found a swel'd, cancerous tumour in the womb, that tortured this woman with terrible shootings and stinging paines, accompanied with noisome fluxes of humours; of all which disquiets, within a few moneths afterward, shee was eased by death.

These passages may move midwives to bee cautious of their promises, and circumspect in their sayings and undertakings, and, withall, not

to bee too busy afore fitting time, to provoke or hasten delivery; and to forbear all harsh proceedings, ever suffering the womb to open it self, and the waters to flow without their enforcements, and to offer no violence to the womb or passages thereof. Otherwise they will not ease, but afflict, their women, by their unadvised wayes, and ignorant proceedings.

I advised a good woman, a physician's wife, that had suffered in severall labours, not to put her self under her midwife's hands before the waters flowed, and that shee could feel the child's head; nor to be compelled to sit on the midwives stool, or woman's lap, or to kneele, before enforcing throws came upon her; and at no time to suffer the midwife to hale, or stretch, her body with her hands or fingers, through hopes to hasten her delivery; but to rest quiet in, or on, her bed, and to keep her self warm, and to let her midwife do no more then to anoint her body, and, when the time should come, to receive the child and to help to fetch the after-birth if need require. Shee followed my counsell, and afterwards gave mee thanks for my directions and assured mee, That shee had found much ease and comfort by them; and that her sufferings were little, and nothing so grievous as formerly they had been unto her, occasioned by her midwife's enforcements.

In Darby, Feb: the ninth, 1667, a poor foole Mary Baker, wandering for sustenance, wanting cloths to keep her warm, having gone barefooted for many years, was, in an open, windy, cold place, nigh to a house of office, delivered by the sole assistance of Dame Nature, Eve's midwife, and freed of the after-birth, without the help of any other midwife, or any assisting woman present with her. It was reported, That the child, being a wench, lay naked upon the cold boards more than a quarter of an houre. Shee, being found out by the child's crying, was

not immediately succoured, but neighbors being called they took up the child and found the navel-string separated from the after-birth, which came of itself afterward. In her extremity shee was destitute of a warm place and bed, wanting necessaries fitting for a woman's releef. This poor creature, leaning with her back against a wall, was quickly delivered and more easily than many have been by midwives in warm places. Shee and the child lived.

It is a good and fitting thing that every woman should have her midwife with her, at the time of her delivery. But it is not absolutely necessary, for that many bee delivered without the help of midwives.

The midwife's dutie, in a naturall birth, is no more but to attend, and wait on, nature, and to receive the child; and, (if need require) to help to fetch the after-birth, and her best care will bee to see that the woman and child bee fittingly and decently ordered with necessary conveniences.

The after-birth oft commeth of itself, yet it is not amisse to assist nature for the producing of it.

There bee some midwives, that never offer to fetch the after-birth, but suffer nature to expell it, and their women have done well.

I know a worthy good man, that had two children, at severall times, as good as born, before the midwife did, or could come unto his wife.

I have known severall women, that have been delivered without a midwife. Therefore to have a midwife is not absolutely necessary, yet very convenient, to assist the woman, and so to avoid all future sus-

pitions, and to free some of the looser sort from the danger of the statute-law, in case that the child should bee found dead.

Let not women, turning midwives, delude themselves, by thinking, That this work will be learned by seeing a few women delivered, or by little practice, or by discourse, or by reading books, that it will sufficiently bee understood. All these bee good helps and inducements to shew them somewhat in the way of practice. But, in cases of danger, and in unnaturall births, without much practice, they will find themselves ignorant, and at a stand, not knowing what path to follow, or what course to take for the woman's safety, or the saving of their own credits.

Every delivery hath taught mee something, or, at the least, hath confirmed my practice.

For, although much practice enlighteneth the understanding, yet they shall sometimes find, That all bodies bee not alike, and that some unexpected newnes, or casualty, may happen in the mother, or in the child, or in the labour, or in most of them, the which I have sometimes seen.

I knew a woman, that was happily delivered of eighteen children, yet, through an accident, happening before her travailing, shee died of the nineteenth in the night after shee was delivered.

I desire that all midwives may gain a good repute, and have a happy successe in all their undertakings; and that their knowledge, charity, and patience, with tender compassion, may manifest their worths among their women, and give their women just cause to love, honour, and to esteem them.

Let midwives pray to God to direct them, and to blesse their women, and that he would bee pleased to free them from all the dangers, & perilous accidents, happening sometimes in child-bed.

And, in all their undertakings, ever to desire, That God would bee graciously pleased to inform their judgments, & to guide their hands, for the better helping, & saving of their women, and children, and, lastly, with submitting humblenes to implore his gracious mercy for mitigating their punishment, which is decreed and pronounced against them

“In sorrow thou shalt bring forth children.”

And let midwives read 12, 13, 14, & 15 verses of Zechariah, & consider the 15 verse, what God said, “I was but a little displeased, & the heathen helped forward the affliction,” & in the 16 verse saith the Lord, “I am returned with mercyes.”

God was displeased with Eve, therefore he said, “In sorrow thou shalt bring forth children,” not that hee would destroy her. Therefore let midwives endeavour to mitigate their women’s sorrows, and no way augment them, by haling, and pulling their bodies, to help forward, & to increase their sufferings.

Usually, before the time of delivery, three sorts of humours do come, and bee seen in most women.

The first is slimy, and commeth by the dilatation of the outward, and inward orifice of the womb. Sometimes it commeth two, three, or four dayes before the travail, by little dabs, or like snot, and it doth much good, by opening, and moistening, and causing a slipperines in the outward parts of the body, for the more easy delivery.

The second hath some small reddish straines or streakes in this slime, which appeareth, when the womb enclineth to opening, and the membranes begin to crack, before the issuing of the waters.

The third is called, by the midwives, the water, in which the child swimmeth.

Let mee perswade and intreat the midwife, not to torment the poore woman, at the first comming of her paines, by putting her to kneel, or to sit on a woman's lap, or on the midwife's stoole, but suffer her to walk gently, or to lie down on a truckle bed, having a warme closier to her body, and her cloths wrapped close about her, keeping her in a moderate temperature, not too hot, or too cold, but so, as shee may well endure, anointing the places, concerned in travail, with fresh butter, goose grease, capon's, or hen's fat, or balsamum hystericum, as occasion serveth.

When the upper parts of the belly seem as if they were empty, and fallen, and the lower parts big, and full, then the child sinketh down, and this is a forerunner of labour.

Dr. Harvy saith fol : 472 "Of the birth,"

"The matrix being near delivery, doth bear down, groweth soft, and openeth its Orifice. The Waters also as they commonly call them, are Gathered, that is, a certain part of the chorion, in which the fore-said humour is contained, doth usher in the Fœtus, and slide down from the Matrix into the Vagina, or Sheath of the Womb : and the neighbouring parts also are loosened, and ready to distend : also the Articulation of the Holy bone, and the Share-bone to the Hanch-bone (which Copulation, or Articulation is by Synchondrosis, or a gristly ligament)

is so softened and losened, that the fore-said bones do easily give way to the parting Infant; and by gaping open, do amplifie the whole region of the Hypogastrium, or Lower belly. And when these things are in this condition, it is certain that the Birth is at hand. And that so the foetus (like a ripe fruit) may come forth into the World, Nature makes this provision of dilating the parts."

The words of Ambrose Parey, ch : 13. lib : 24, "Concerning the Generation of Man."

"When the naturall prefixed and prescribed time of child-birth is come, the childe being then growne greater, requires a greater quantity of food: which when he cannot receive in sufficient measure by his navell, with great labour and striving hee endeavoureth to get forth: therefore then hee is moved with a stronger violence, and doth breake the membranes wherein he is contained. Then the wombe, because it is not able to endure such violent motions, nor to sustaine or hold up the childe any longer, by reason that the conceptacles of the membranes are broken asunder, is relaxed. And then the childe pursuing the aire which hee feeleth to enter in at the mouth of the wombe, which then is very wide and gaping, is carried with his head downewards, and so cometh into the world, with great pain both unto it selfe, and also unto his mother, by reason of the tendernes of his body, & also by reason of the extension of the nervous necke of his mother's wombe, and separation of the bone called Os Ilium from the bone called Os sacrum. For unlesse these bones were drawne in sunder, how could not only twinnes that cleave fast together, but also one childe alone, come forth at so narrow a passage as the necke of the womb is? Not onely reason, but also experience confirmeth it; for I have opened the bodies of women presently after they have died of travell in childe-birth, in whom

I have found the bones of Ilium to bee drawne the breadth of ones finger from Os sacrum : and moreover, in many unto whom I have been called being in great extremity of difficult and hard travell, I have not onely heard, but also felt the bones to crackle and make a noise, when I laid my hand upon the coccyx or rumpe, by the violence of the distention. Also honest matrons have declared unto me that they themselves, a few daies before the birth, have felt & heard the noise of those bones separating themselves one from another, with great paine. Also a long time after the birth, many do feele great paine and ache about the region of the coccix and Os sacrum, so that when nature is not able to repaire the dissolved continuity of the bones of Ilium, they are constrained to halt all the dayes of their life after. But the bones of the share, called Ossa pubis, I have never seene to be separated, as many do also affirme. It is reported that in Italy they break the coccyx or rumpe in all maidens, that when they come to bee married they may beare children with the lesser travaile in childe-birth ; but this is a forged tale, for that bone being broken, is naturally and of its owne accord repaired, and joyned together again with a Callus, whereby the birth of the childe will be more difficult and hard."

But, in all my practice, I never observed such separation in the bones of Ilium from Os sacrum, as is mentioned by Dr. Harvey, or by Pareus.

It is reported, That the wild Irish women do break the ossa Pubis of the female infant, so soon as it is born, & I have heard some wandering Irish women affirm the same to bee true, and that they have wayes to keep these bones from uniting. It is for certain, that they bee easily, and soon delivered ; and I have observed, That many wanderers of that nation have had a wadling, & lamish gesture in their going.

I knew a woman, nigh London, that had severall hard, difficult labours, with much sorrowfull sufferings in her travailing, before shee could bee delivered, and that shee was sometimes delivered by a man midwife. After each delivery shee was long weak in her loines and hips, and complained of much paine in those places, and shee went long wadling after each delivery.

I have known two women in Darbyshire, the one, after delivery, complained much of weaknes, and paines, which shee for a time did constantly feele in her loines and hips; the other had the same sufferings, and they both went lamish, and wadling, above a moneth after their delivery, if not a longer time.

There came a woman from Nottingham unto mee to Darby; some two yeares afore, both the bones of her arme were broken, and in all this time, the bones did not knit again. I applied lapis osthocollæ with whites of egges, and other astringents, and so splinted her arme, and then shee became able to lift up her hand, and hold light matters, the which shee could not do afore. But I cannot say, that the bones of her arme did again unite, or that her arme was any way usefull, longer than she had it wrapt in astringents, and splinted and rouled, for that shee came no more unto mee. Why may not the same thing happen to maids in os pubis, or coccygis, in respect of union, as it did to the arme of the Nottingham woman? But Pareus saith, that these bones will joine together again with a Callus; but why doth hee say, a little afore this place, that when nature is not able to repaire the dissolved continuity of the bones Ilium, That women are constrained to halt all the dayes of their lives after? The Irish women have affirmed, that they can keep the share-bone from uniting. And I saw and felt what I have written concerning the Nottingham woman's arme, and that it was most

true. Why may not the same disunion happen in os pubis, or coccygis? But I leave every one to his owne thoughts and belief.

When paines begin to follow the woman, and signes of travaile appeare, then let the midwife enquire, when shee was at stool, or made water, least the intestinum rectum, being loaded with excrements, or the bladder, full of water, should presse the neck of the womb, and so hinder the birth, and make the labour more painful and difficult.

Let, therefore, these passages of the body bee freed of the excrements, either by a clyster, or a suppositor. But a clyster is more proper, and let it not exceed the quantity of six ounces, or, at the most, but half a pint. Let the labouring woman retain it as long as possibly shee can; though it bee three or foure houres, or longer, or all night. At the discharging of it, it will bring away all excrements, and, through the long keeping of it, it will dilate, supple, and bedew, with its moisture all the passages, and stir up the expulsive faculty, and so cause a more easy delivery.

But, if there happen unto her a loose stoole, or two, or more, before, or nigh her travaile, then you need not to give her a clyster, yet let the midwife move her to make water.

When paines increase, and bee frequent, beginning at the back, and running all along the belly, without staying at the navel, and, chiefly, if they run all along the groin, and in the botome of the belly, and the thighes inwardly; It is a great signe, that shee begins to fall into labour.

Then let the midwife, having her finger anointed with Balsamum Hystericum, or some other ointment, feel the matrix, if she find the the orifice of the womb to open, and to dilate, shee may bee assured that shee is in travaile.

All women bee not delivered after one fashion. Some desire to bee in, or on, their beds, others, to be sitting on the midwife's stool; or on a woman's lap; some kneeling; others, standing, supported by two women, or hanging with their armes about their necks.

But the best, and safest, way is to bee delivered either in, or on their beds, or pallets, or kneeling, so that the woman bee strong, and the child lively, having their bodies decently covered, and the genitall parts kept warme.

Having brought the woman to her bed, or pallet, raise her upper parts, by putting a bolster and pillow under her head, and a pillow under her back and hips, to raise them up, having her thighs kept asunder, her knees bowed, her heeles drawn upward, and to rest her feet, and to thrust them forward against something laid at the bed's feet. Let her bee well anointed with some of the afore-named ointments, alwayes keeping a warme closier to the birth-place.

It is a usuall custom in some midwives, to roule up the cloths from the bed's feet, to come unto the woman's body, when that labour is on her. It is a better way, then to lay their cloths, as they kneel, on their hips; her body and thighs, thus lying naked, the woman must needs take cold; and shee cannot bee altogether freed from suffering of cold by rouling up of the cloths. This is a more decent way. But, if the midwife will sit, or kneele, by the bed-side, in a natural birth, and put her hand under the clothings, or blankets, and so under the woman's thigh, pressing down the cloths close to her arme, then shee shall bee sure to keep all cold from the woman's body. What should the midwife's hand do there more, then to anoint the woman's body with convenient oiles, or ointments, and to receive the child, at the instant time of delivery?

Before the womb doth open, and the waters issue, the midwife ought not to bee too officious, let her anoint the parts onely, and use her gently; not alwayes, upon every sleight pain, or trifling throw, to bee thrusting her fingers into the birth-place. But, rather, to give her good, and comfortable words, and, if the child commeth right, to commit all the work to God's mercy, and not to disturb nature, (whose onely work it is) by giving of medicines to make throwes. Neither must shee go about to hasten the birth, by using any force to the woman's body, to dilate the passages by her hands and fingers. Such doings cause long, and difficult labours.

Medicines, given too soon, send down humours too hastily, which obstruct the passages, causing swellings in the genitall parts, and a more troublesome labour.

It will bee sufficient to refresh her with mace-ale, or caudles, or a little wine and Alkermes, and to anoint her body with Balsamum Hystericum, or other oiles.

The midwife's office, or duty, in a naturall birth, is no more, but to receive the child, and, afterward, to fetch the after-birth, if need require.

Therefore let me perswade all midwives, not to do any thing hastily, or by force, to enlarge the passages, in hopes of a speedy delivery, much lesse to let forth the waters, by breaking, or tearing the membranes. Such doings bee hurtfull both to the mother and child, for the midwife ought to bee quiet, and, with patience, to wait on nature untill they do break, or crack, of themselves.

Ambrosius Pareus saith. "In the time of child-birth, when the infant by kicking breaketh the membranes, those humours runne out,

which when the midwives perceive, they take it as a certaine signe that the childe is at hand. For if the infant come forth together with those waters, the birth is like to be more easie, and with the better successe; for the necke of the wombe and all the genitalls are so by their moisture relaxed and made slippery, that by the endeavour and stirring of the infant the birth will be the more easie, and with the better successe" accompanied.

There bee some midwives, that, through ignorance, or impatience, or being hastened to go to some other woman's labour, do teare the membranes with their nailes, or cut them with scissers, and let forth the waters, to the great hurt and danger both of the mother, and the child.

The waters being issued, and voided before the appointed time, yea, often, before the child bee well turned in the womb, hath been the death of severall children, and oft hath endangered the travailing woman's life.

If the infant bee not excluded before all these humours bee wholly flowed out, and gone forth, but that it remaineth, as it were, in a dry place, presently, through drines, the neck of the womb, and all the neighbouring parts, will be contracted, and drawn together, so that the birth of the child will bee very difficult, and hard to bee performed; unles the neck of the womb, to amend that default, bee anointed with oile, or some other relaxing liquor, to make the parts slippery both within, and without; as oile of sweet almonds, or lilies, and a whole egge, yolk and white, beaten and all mixed together, and poured into the privy passage, to make it glib, in stead of the waters that are run forth too soon; and, for this purpose, the anointing and putting into the body the Hystericall Balsam will prove most excellent.

Before the waters flow, the infant, by its own strength, may turn in the womb, but, afterward, it cannot, through the drines of the parts contracted and drawne together; and so oft it commeth in a difficult way of delivery.

One Mrs. Jane Wildbore, that I lately delivered in Darby, perceived (as shee assured mee afterward) that shee felt the child scrabbling, with his fingers, at the mouth of the womb, before the waters flowed. I felt the same, and was much troubled at it, fearing an unnaturall birth. I acquainted others with my fears, but I said nothing to her (for feare of disquieting her) or shee to mee. At the flowing of the waters, this child, through his own strength, turned downward, and pitched his head into the birth-place, and shee was soon delivered, July the 20, 1667.

When some midwives bee puzzled, or, through ignorance, have committed some unhandsome doings, by tearing the membranes, and that the infant, for want of moisture, doth not descend, but abideth unmoveable in the womb, by shrinking of the membranes through drines of the parts, then presently they say, that the child commeth crosse, or that the head of it is pitched in the flank, or that the child lieth overthwart the womb. And then they send for a man midwife.

One Mrs. K. F., a London midwife, being to go to another woman, in hopes to deliver her woman quickly (as, upon my inquiry shee confessed privately to mee) did teare the membranes. All the waters issued suddenly forth; the child being deprived of moisture, perished in the womb. The next day shee desired my assistance, and told me that the child's head lay in the woman's hip; but I could find no such thing, neither could I reach the child with my finger. Of my opinion was another midwife. Shee, finding that I would not bee too hasty to work, as shee desired, in my absence, the better to save her

credit, shee caused another man to bee sent for. Hee was of my opinion, yet told this midwife, That hee would send her a medicine to procure labour, and that at night, hee would come again. Then hee drew the child with his instrument, and the woman hardly escaped with life, being long afterward sickly and weak. And all this misery was occasioned through the midwife's folly, by tearing the membranes, and letting forth the waters too suddenly; for the more leisurely the waters dribble, the easier will be the delivery.

Let the midwife patiently observe, and wait on nature's time and ways, and, when some waters begin to drible in small quantity, consider, whether this issue commeth with pain, or without any disquieting. For Dr. Harvy saith, That, in some women, at severall times such fluxes (which midwives call by-waters) have issued forth, in the midst of the going with child, without abortion.

In this case, let the woman keep her bed, or rest much on it; lying quiet, and stirring little, so these fluxes may cease again. However, shee may go a longer time, and, at the last, bee safely delivered, yet it threateneth some danger of miscarrying.

This midwife, K. F., was with a woman in the Strand, from whom, by pashes, and driblets, the waters issued three or four dayes, or longer, before her delivery. The midwife, being ignorant, and not knowing what to do, pretended a visit to mee, (which was not usuall) but, at the last, shee asked my opinion in the aforementioned case. I told her, That, in many women, the water issued for severall dayes, and at severall times, and yet, that the woman did well, and, in due time was safely delivered. Shee much wondered at my words, shee blest herself, and said, That shee never heard the same afore. Whilst that the Apo-

thecary was preparing, by my directions, some medicines for her, shee hasted again unto her woman, and left her daughter to bring them.

Shee was with the woman not a quarter of an hour, but the waters flowed again, in a larger quantity, with throwes, and the child, within a very little space, followed them, and so her credit was saved, and shee confirmed in a practick way, that shee knew not afore. For which kindnes this old midwife, afterward, gave mee thanks.

Guillimeau saith, That there bee some women, that have these waters issue out, and come away, long before they are ready to lie down. Hee reporteth that, of late memory, Mad : Arnault, who having gone 6 or 7 moneths, and troubled with a great colick, that had held her almost two moneths, and took her every day at certaine houres ; shee being at her house in the countrey, intreated him that hee would come to see her, and to have his advice and counsell, whether it were fit for her to come into the city, which he advised her to do, both because of the great pain shee had, and also for her exceeding greatness, being of opinion that shee might have two children. Being come to Paris, her colick was somewhat mitigated, and a little while after shee voided two or three gallons of water, without any pain, thinking verily that shee was not with child ; yet, five dayes after, shee was delivered very happily, and with little pain, of a faire daughter, there following very little water, or none at all.

Hee saith, That hee saw another Lady, in whom these waters came away above ten dayes before her delivery. Yet shee kept not her bed, but followed her ordinary busines.

Therefore let not the midwife bee too bold, to hasten delivery, except the paines bee proper for travaile.

When the waters, by the paines, and strivings of the mother, or by the enforcements of the child, shall bee newly broken out, and that throwes bee strong, and increasing, then let the midwife, with what convenience may bee, place herself nigh to the travailing woman, and, having her hand anointed, feel the matrix, that shee may the better find whether the child commeth naturally, or not.

If, in feeling, shee perceive that there is an hard, and equall roundnes, it is most likely to bee the head of the child, and that it commeth naturally. If shee feele any unevenes, shee may suspect the contrary.

When the midwife shall perceive that the birth commeth well, and according to nature, and that the child's head is pitched in the birth, (the which they call a naturall birth) and that the throwes follow, and increase upon the woman, and that the child doth endeavour to come forth, and that the womb doth strain, and force itself to bee freed of the burden : Then let the midwife encourage the woman, intreating her to bear down her throwes, to hold in her breath, by stopping her mouth, and to strain downward, as though shee would break wind, or go to stoole, and not to hinder her labour by sucking in her breath, or lamenting her sufferings ; and let her assure her with comfortable words, That the child is ready at hand to come into the world, and that shee will soon be delivered by putting her endeavours to the work.

But if, at this time, labour should begin to flag, and throwes decrease, toward the latter end of the woman's travaile, it would bee convenient to give a dose of the midwife's powder, to quicken the child's expulsion, and it will much advance the woman's delivery.

And then, and ever, let the midwife forbear to use violence, which hindereth the birth, through much haling, or pulling, or stretching those tender parts.

Such doings create paines, with swellings and sorenes, and make the labouring woman unwilling to endure her labour, and the putting down of her throwes; and, severall times, this too much officiousnes causeth evil accidents to follow, as tearing the body, sores, and ulcers, or flouding and scouring. All which, in childbed, bee found too oft dangerous, and they may prove fatall.

Let the labouring woman herself, or some assisting woman, (as occasion urgeth) gently presse downward, with the palm of her hand, the upper parts of the woman's belly; stroaking, and putting the child downward by little and little; and let every one encourage the woman with good hopes, that her sufferings will quickly bee at an end, and that such paines bee incident to all women in their travaile.

This pressure hastens the delivery, and quickeneth the throwes, and maketh the labour more easy to bee endured.

When the child's head doth offer itself, the midwife must gently receive it with both her hands; afterward, when the woman's throwes increase, or, without them, shee may draw forth the child's shoulders, by sliding up her fingers under the child's armpit, and easily nudging the child's body toward the other side, slightly drawing with her fingers; so will the rest of the body quickly follow, which must not bee pulled forth hastily, or rashly from the woman's body.

So soon as the child is born, let the midwife fetch the after-birth, the navel-string will guide her to it, by which shee may gently move the after-birth from side to side, to make it separate from the womb through

that motion. It usually descendeth with the child, and lyeth in the vagina uteri (the sheath of the womb) like a loose handkerchief in one's pocket. Let the midwife gather it leasurely into her hand, and hold it gently, without squeezing, then cause the woman to cough, sneeze, or boken, and, whilst she is so doing, let the midwife sleightly draw it away. This coughing and sneezing, or bokening, by pressing the belly together, doth, of itself, thrust forth the midwife's hand, and the after-birth.

If the womb shall be found very moveable, and loose (as sometimes it is, when the belly hath been greatly stretched out, through the greatnes of the child, and multitude of the humours) in this case let the midwife cause some other woman to lay her flat hands on the sides of the woman's belly and navel, and gently to presse them together, and to stroke her belly downward, whilst that shee draweth the after-birth from her.

Sometimes the after-birth doth not descend into the vagina uteri, but is retained in the body of the womb, and this will prove difficult and troublesome to the midwife to fetch, and few know how to do it, and they had better to let it alone unfetched, then to keep much struggling in the woman's body. Nature, with time, will expell it, with the giving of such medicines as enforce the birth, and keep open the womb.

In this case, let the understanding midwife anoint her hand, and follow the navel-string, which will lead her to the mouth of the womb; if it be shut, or somewhat closed, let her, by degrees, with her anointed fingers, open the womb, and, having gotten to the after-birth, let her shake it a little by the navel-string, and, being loosened, gather it leasurely into her hand, and then cause the woman to cough, boken, or sneeze, and shee will the easier bring it forth by these enforcements.

The after-burden is easiest drawn forth when the woman kneeleth.

Some women cause two bags of linen cloth to bee made, and to bee filled with warm salt. These bags they will the woman to hold hard in her hands, nigh as high as her breast, close together, and then to bend her back and head forwards, and lifting up, and stretching abroad her elbowes, with strong blasts, or puffes, to blow on these bags, and, with this motion, the after-birth will bee driven forth.

When the woman is freed from the after-birth, let her be laid in a warm bed. Let the midwife permit her to lie on which side shee pleaseth, a little groveling, pulling somewhat up her feet, and sometimes to hold her breath a little, and sleightly to strain downward, as though shee would break wind, and to stroke, with her own hands, her belly towards her navel and flanks, when that shee finds any disquietings in her body. By these wayes all clods of blood, and what might casually bee left remaining in the womb, will be expelled, and driven forth. And, at the woman's desire, let her turne on the other side, keeping her feet warm, with the rest of her body. For which intent, shee may keep on her stockins, to avoid cold, and lay warm woollens to her feet, for cold is hurtfull to a woman in child-bed.

By such doings the woman will bee much refreshed, and eased in her sufferings, and there will happen no inconveniency, by lying on either side, as shee best liketh, contrary 'to the thoughts of foolish opinionated midwives.

If it be feared, That some part of the after-birth should remaine unfetched away, do not again make a new searching for it in the womb; but lay emplastrum Hystericum, or Galbanum, spread on leather, to the navel, and anoint the birth-place with Balsamum Hystericum, and anoint

under her nostrils with oile of amber, or smel to Galbanum, and all will succeed well, and, usually, after a refreshing sleep, when that the woman maketh water, the remaining part will come away, and, with the water, it droppeth into the chamber-pot.

A Scholemaster's wife in Staffordshire sent for mee, and said, that shee expected that day, or that night ensuing, to bee delivered, and was troubled, for that shee was disappointed by her midwife, and desired my assistance. I intreated her to keep her warm bed. At six o'clock that night shee sent again for mee. At present, there were little signs of labour, but ordinary grumblings, and grinding paines. But within a little space afterward shee had throws. Having my finger anointed, I found that the womb began to open. Presently after, a second throw followed, and the waters gathered, and did much increase. After the third throw the waters flowed, and a living child followed the waters, and was easily borne. The after-birth was immediately fetched and shee was speedily, and happily, delivered, Anno 1649.

A naturall
birth.

This birth was so speedy, that the woman had not time to turn herself, but the child was borne as shee lay on her side.

But Goodwife Ann Frith, a woman in Derby, 1646, having a hard and long labour, was much haled and pulled by her midwife, that hoped, through much tugging, quickly to deliver her. So that the lips of the vulva were greatly swelled, and turned outward, and became discoloured, with sundry colours.

A naturall
birth made
difficult.

The midwife, supposing these swellings to be part of the after-birth, thrust her fingers into them; forthwith the blood spirted on the midwife's face, and ran down her gorget. Upon this I was sent for.

I found the child dead, I drew it with the crochet. Shee recovered her weaknes, and lived about twenty yeares afterward.

By these reports you may see nature's wayes. In the first, how easily shee was helped, in due time, by warm keeping, without struggling. In the second, the ill event; through too much officious ignorance of the midwife, crossing nature by her strivings, and starving the birth with cold.

Dr. Harvey saith, That, in a natural and genuine birth, two things are required, which are assistant the one to the other; that is to say, the woman in travaile, and the foetus, which is to bee produced. Both which, except they bee ripe for the busines, the birth is hardly successful. For if the foetus, being disquieted, and coveting to bee enlarged, do prevent his parent, by exciting her, and offering violence to her womb: Or, if the mother, by reason of her infirmity of her retention (as if her womb were disturbed with a kind of nauseousnes) or, by some necessity of expulsion, bee before-hand with the infant; the birth is to be reputed a disease, or symptome, rather than a naturall, or criticall production. As also, when some parts of the conception escape out, and others are still retained within, namely, if the foetus attempt a departure ere the after-burden bee dismissed from the sides of the womb: or else the after-burden, on the contrary, bee loose from the uterus, the foetus being not rightly composed, nor the uterus relaxed, for the accomodation of the work.

And, therefore, the younger, more giddy, and officious midwives are to bee rebuked, which, when they hear the women in travail cry out for pain, and call for help, least they should seem unskilfull, and lesse busy then comes to their share, by daubing their hands over with oiles, and distending the parts of the uterus, do mightily bestir themselves,

and provoke the expulsive faculty by medicinall potions ; so that, being impatient of a competent expectation, by their desire to hasten and promote the birth, they do rather retard and pervert it, and make it an unnaturall and difficult delivery ; and, leaving the membranes, or some part of the after-burden, still adherent to the womb, they do both expose the poor woman to the injuries of the aire, and, vainly perswading them to their stooles, weary them out, and bring them in danger of their lives.

Hee saith farther, That it is much happier with poor women, and those that dare not own their great bellies, where the midwives help is never required. For the longer they retain and retard the birth, the easier and more successful proves the delivery.

In the unfortunate dayes, when Sir John Gell Baronet, then Colonell of Darby, and Mr. Thomas Gell, his brother, Lieutenant and Recorder of Darby, and Mullanus Evankt his Major Lieutenant, and Mr. Dolton, Major, Anno 1647, There happened that a comely, well favoured servant was gotten with child in Darby. Nobody mistrusted her belly. Shee lay in the same room, where her mistris lodged, in a truckle bed, at her bed's feet, where, in the night, shee was delivered without any midwife, not making any noise, or uttering any sorrowfull complaint. Presently after her delivery shee arose, and took up the child, and carried it away into a remote place, and hid it in the botom of a feather-tub, and covered it with feathers, and so returned to her bed again, and was not mistrusted by her mistris, or any one of the house.

It was then the custome of Darby souldiers to peep in the night through windows, where they espied light. By them her secret doings

A most easy
birth without
the midwife's
help.

were discovered, and at the Sessions in Darby shee had, afterward, her triall.

But, in those lawles dayes, the Jury would not find her guilty of murder, for that shee was an handsome, comely creature, and beloved of the souldiers, that then pitied her misfortunes. For which reason John Shaw, the foreman of the Jury, pitying the woman, and willing to ingratiate the souldiers to bee his friends, would not find her guilty, and said, hee thought it no reason that a woman should be hanged for a mistaken harsh word or two in the Statute.

The souldiers smiled, and rejoyced at her delivery. But some of Darby Magistrates frowned, and were offended, but they durst not shew, or utter their thoughts in words, or deeds, for the cause aforementioned.

I have heard simple women much to commend haling, torturing midwives, and to account them good and expert in their callings. For that, in the woman's labour, they took great paines to deliver them, and that the sweat did run down their faces, in performing of their work to deliver their women.

But, surely, these women never felt their doings, and I know that it may prove a blessed happines, to travailing women, to have such midwives at a remote and great distance to bee sent for, when the paines first approach. So they may escape severall tortures and mischiefes, procured by such midwives.

In the meane time, friendly nature, the best of midwives, keepeth them warm, and quiet, on, or in, their beds, putting them to no harsh usage in the midwife's absence; and, through her mildnes, and

comfortable assistance, the child is oft easily born, before the laborious, and ignorant midwife commeth.

Frequent reports have often published the very same truth, from the mouths of such poor, unfortunate creatures, as have publickly lamented their mishaps, before their downfall under the gallows.

I have known severall creatures of this gang, and their fellow followers in ill fortunes. But I never heard that any of them complained of a painfull, or hard delivery; but that nature left them so strong, that they were able to go about their usuall works, and to perform their services, without making any halt in their employments.

I was well acquainted with a servant, that worked all the day long without any dismaying or complaint, Anno 1651. A little space before supper shee went to bed. After supper one of the Ladie's daughters came to see what ailed her. Shee, poor creature, turned the cloths of the bed, and shewed her a child, as good as born, without any midwife's help, and shee and the child did well, and they both were living 1669.

An easy
naturall birth.

E. T., of Hampton Ridway, This unfortunate woman, being in bed with her sister, rose up, and went into an out-house, and there was delivered of a child. Shee returned quickly again into her bed. Her going and returning was not perceived by her sleeping sister. Being mistrusted by her neighbours, and some woman, upon suspicion, being sent to search her, without any ado shee confessed her wickedness, and showed them the place where the child was buried. Shee was asked by the Coroner, why shee had not a midwife to assist and help her in her labour. Shee answered, that shee needed no help, or assistance, and that shee was well enough delivered without a midwife, and that shee was so

well, that shee could have gone twenty miles the day following. Shee was sent to Stafford Gaole, from thence shee was conveyed to the place of execution, where shee ended her sorrowfull life with great repentance Mar. 31, 1670.

And why may not this woman's confession bee received, without any other testimony, to confirm what I have oft said, and severall women have found to bee very true, That midwives bee very convenient to assist travailing women, but that they bee not absolutely necessary, to help in their extremities, unles it bee in an unnaturall and difficult birth.

And this is recorded by Dr. Harvey. The memorable relation was delivered to him from the noble Lord, George Carew, Baron of Totnes, and, for a long time, President of Munster in Ireland, who also wrote the Annals of those times.

There was a woman, big with child, which followed her husband, who was a souldier in the Army, being daily in motion, was, it seemes, forced to make a halt, by reason of a little river, that ran crosse the place, whither they intended to march. Whereupon the poor woman, finding her labour come upon her, retired to the next thicket; and alone by her selfe, without any midwife, or other preparation, brought forth twins, which shee presently carried to the river, and there washed both her self, and them, which done, shee wrapt the infants in a course cloth, and tied them to her back, and that very day marched along with the Army twelve miles together barefooted, and was never the worse for the matter.

The next day after, the Deputy of Ireland, the Lord Mountjoy (who, at that time, was Generall of the Army against the Spaniard at the seige of Kinsale) and the President of Munster, being affected at

the strangenes of the story, did both vouchsafe to bee Godfathers to the Infants.

There is a generall report That the wild Irish, when their pangs of labour come on them, will arise, and leave their company, and, going into a ditch, will there bee suddenly delivered. And, returning from thence, will bring their infants wrapped in their coats with them.

I believe that their doings may bee parallel'd by some of our English women. For there was a great woman's servant, whose breasts were pressed, and her belly violated by her master's misdeeds.

In time, when shee did grow big, her mistrisse, perceiving that all was not right honest with her, turned her out of her house.

This creature, going over a larg, long Common, was suddenly surprized with pangs of labour, and there delivered in the open cold aire.

After the Irish mode, shee brought this infant (her son) home to her friends, shee was not dismaid, or injured with the coldnes of the place, shee well recovered, her son, being well nursed, and educated became a lusty man. Hee lived long, and died master of a great estate.

Dr. William Sermon saith in his English Midwife, fol: 96, That it would be almost a miracle to see a woman delivered without paine. Though I am apt to beleieve, that the wife of Thomas James did enjoy that happines, whom I saw delivered of a lusty child, in a wood by her self, which presently after shee took the child, and put it into her apron, with some oaken leaves, and marched stoutly with it almost half a mile, to an uncle's house of mine; where shee got sufficient entertainment for the time shee would stay, and, within two houres, her child, and her self, being refreshed, shee would no longer bee treated; but, in

the manner aforesaid, (linen which the child had about it, onely excepted) took her journey a long mile farther, not in the leest discouraged; and, the next day, came and returned hearty thanks. This accident happened as shee walked home-ward from a market-town, in the yeare 1644; the manner of which I saw, being, accidentally, placed under a hedg (purposely,) to shoot a hare, that I knew frequented the place where shee was delivered.

But Dr. Jacobus Primrose saith in his cap: 7, de difficili partu, fol: 300, Nec absq: dolore partus naturalis fieri solet. Malum enim est si ille evanescat, ut in muliere gravidâ observavi, quæ subinde laborans absq: ullis torminibus, et obstetricis ope, exclusit foetum, quem clamantem adstantes mulieres audiverunt, hincq: mortem prædixi, quæ sequenti die secuta est.

In the dayes of ignorance I was requested by a Gentlewoman to assist her midwife in the time of her labour.

The Gentlewoman then knew no way usefull for her delivery, and I, at that time, knew very little of the handy operation of midwives, more then by drawing with the crochet. So I gave way unto the midwife to hale, and pul, and stretch the woman's body as shee pleased, not knowing then any better practice. So the midwife tormented her from six in the morning untill six at night, using violence to the birth-place, and, sometimes, in the fundament; upon every small throw haling and stretching her body, to enlarg the passages, keeping her all this long time either kneeling, or sitting on a woman's lap.

God released the woman from the midwife's tortures, and both our ignorances, in sending her a gracious delivery after much suffering.

Being with child the second time, shee was much disquieted with fears, and wept, to think what shee had suffered, and was likely again to undergo. Shee desired again my company to bee with her in her labour. I willingly granted her request, and desired her to keep her self warm and quiet in bed, untill I could come in unto her, in case that I was not at home.

Grumbling paines came upon her in the night, the next morning shee sent early unto mee a messenger to acquaint mee with her condition. I was twelve miles from her house; within two or three houres after her messenger was gone, the birth so much approached that shee was forced to arise. Shee sent for her midwife to come; whilst that shee hastily bound up her head, at the midwife's comming shee was quickly delivered, troubling her no more but to receive the child.

I hasted to go with her messenger. I found her, at my coming, easily and safely delivered, and chearfull, and shee, with the child, in a good, lively condition.

After this time being in Staffordshire with a worthy good man, I saw his wife great with child. Shee told mee what terrible afflictions shee had suffered in the birth of her first child, and wept much at the remembrance of them. Shee intreated mee that I would come unto her in the time of her labour, and for that purpose shee would send good horses for mee. I gave her instructions to lie quietly in, or on, her bed untill I could come in unto her, and not suddenly to put herself under her midwife's hands. Shee sent mee horses. I went eight miles unto her. In the mean time shee kept her body warm, and lay quiet. So soone as I was come shee sent for mee into her chamber. Going with her midwife apart from the company, I asked her how this Gentlewoman

Lady
Broughton.

Mrs. Shaw,
midwife.

was, and what shee thought of the birth. Shee replied, That shee could not tell, and that in all her days shee never was with so peevish a woman, and that shee would not suffer her to touch her body. I sate by this Gentlewoman a little space, and, perceiving that labour came upon her, I went forth of the roome, putting her under the midwife's hands. The waters issued without enforcement, presently the child followed them, and shee was easily, and quickly, delivered.

When I went away, shee gave God thanks, and said, that her paines were nothing, in comparison to what shee had formerly suffered.

I have delivered, through God's gracious permission, a Gentlewoman of severall children. I alwayes entreated her to keep herself warm in bed, or else rest much on her pallet; and, if that shee was bound in her body, alwayes take a washing clyster before her labour approached; and in no way to force her labour. I did not compel her to keep her bed or pallet, but desired her, in the time of her travaile, not to have her chamber thronged with much company.

Shee ever performed my desires, shee was alwayes delivered on a pallet-bed. I never forced her body; but, after the issuing of the waters with a few through throwes, shee was ever happily, and quickly, delivered, by warm keeping, with quietness.

From the bodies of these three last women mentioned, as also in others I took this observation, That those women were easiest, or soonest delivered, that kept themselves warm, and quiet, in, or on, their beds or pallets, deferring their labours to the very last, and patiently suffering nature to bedew, with humours, those places, and so to mellow and open, by degrees, their bodies, without midwives enforcements.

Being in Allhallowes Church in Darby at morning prayer, there was a young woman prayed for that was in great extremity in travaile.

That night, about nine of the clock, some women came to me, desiring my counsell for her delivery.

I appointed an ordinary clyster and willed, That shee should have, after that it came from her, two ounces of oile of sweet almonds, mixed with posset drink, given her to drink; yet, for all this, the extremities, with tortures in her back, continued, and no labour followed. Her midwife was crosse-gained, and sufficiently ignorant, and a great tugger of womens bodies.

In her sufferings, about half an houre past twelve in the night, shee called all the women hard hearted Jewes, for that they did not send for mee.

I came to her about one of the clock in that night, shee had great tortures in her back, the which I caused to be anointed with oile of charity, and, afterward, to her back I laid the emplaster de smegmate, spread on leather.

So the bitter paines were somewhat mitigated. I gave her the quantity of a great nutmeg of Lucatella's Balsam, wrapped in a wafer, nevertheless her paines continued very sharp.

I anointed the os pubis and os coccygis and the birth-part with Balsamum hystericum, and conveyed a spoonfull of it to os matricis, then presently the pain removed from the back, the womb opened, and the waters gathered and soon flowed, and shee was, in a small space, quickly delivered of a lusty living daughter. When the after-burden was fetched I gave her a spoonfull of oile of charity, it freed her from all after troubles, which formerly were grievous unto her, and shee was delivered that night afore two of the clock, June the 20, 1661.

Dr. Harvey saith, That it is no novelty to experienced midwives that their women do sometimes bring forth their conceptions whole and entire, without any breach in the membranes at all.

And this kind of birth seemeth to bee the most naturall, wherein the foetus (like a mellow fruit which droppeth from the tree, without shaking out its seed before the time assigned by nature) is born with the secundines embracing it.

But where it commeth otherwise to passe, and that the after-burden doth adhere to the uterus, after the child is borne it is oftentimes hardly divided from it, and doth enduce evil symptomes, which are accompanied with noisome smels, and sometimes with a gangrene, whereby the mother is brought into imminent danger.

Margaret Cliffe, the wife of Thomas, a weaver, dwelling at Newton in Staffordshire, January the 7, 1671, this woman was delivered of twins, the first was a boy, the second came inclosed in the secondine, and was a female; the midwife laid this birth in her lap, and opened the secondine, and took forth the child. Life was scarce perceived in it, but, by laying the after-birth on hot coales, and stroking the navel-string toward the belly, the child recovered and liveth. This was certified to mee by Margaret Kempe, midwife at Abbots Bramley, that laid her of these two twins.

I never did see a birth in this kind, where the child was borne with the secondine embracing it; for midwives, in difficult, long travailes, break the membranes with their struglings, before they send for mee. But this following report maketh mention of a birth somewhat nigh unto Dr. Harvey's sayings:

A young, good conditioned, Lady (the Lady Byron) of an honour-

able family, desired my company, and intreated me to bee with her, and to assist her in the time of her travaile, and in the meane space to direct her what was convenient to bee done, or observed by her. For severall weeks shee used the Hystericall Balsam, with which the birth-place, the ossa pubis et coccygis were anointed, and rubbed in with a soft hand, very gently, every night, against a warme fire. Shee could not take Lucatella's Balsam, nor a julep, made of aqua parietariæ et syrupi capil: veneris, these made her vomit. I gave her figs, and willed her to eat white bread toasts, with fresh butter, every morning. Shee had a thin and weak body, and was troubled with great feares, never having any child afore.

August the thirteenth the moone changed, that night shee had some grumbling disquiets, and the ensuing night they increased. Thursday, August the fifteenth, I came early in the morning to her, and finding some foregoing signes of labour, at her desire shee was removed into another chamber, and laid into a truckle bed about seven in the morning.

Shee had some intermissions of her paines, and then she slumbered; shee was kept quiet and warm in her bed, in a moderate temperature of heat. In the afternoon, about one of the clock, the womb began to open, and the waters leasurely gathered, the child descended with them, and the head was as good as three quarters in the world before any water issued. About a quarter past foure shee was delivered of a daughter. It was troublesome to fetch the after-burden as shee lay on her back. Shee was put to her knees, and then it was obtained easily, and so shee was then removed into another bed.

Shee had good, easy labour, and was not, afterward, disquieted with any sorenes.

Shee was apt to a loosnes, and, in that respect, I did not give her the balsamum post partum, but, instead of it, shee had caroway comfits, of which shee chewed at pleasure, and swallowed the moisture.

The ensuing night shee slept well, and the day following was free from smart and paine. Saturday and Sunday her breasts began to swell, but without all trouble shee applied the emplaster Diachilon unto them.

The child was baptized Aug. 22, 1661, and was named Elizabeth. Aug. the 23, I left this Lady, giving her thanks for her loving favours to mee. This Lady and her child were living 1666, as also in 8^{ber} the 4th, 1671.

This Lady, afterward, did make choice of a midwife that dwelt some seven miles from her. Shee alwayes sent for her after that shee began to bee in travaile. Before shee came unto her the child was ready prepared to come into the world, and the midwife was put to no more trouble, but to receive it.

And this passage may make apparent to all labouring women, That it will prove a great happines to have haling, laborious midwives at a remote distance, when their paines of labour first approach. And I have heard other women say, That some of their children were more easier borne, then others of them, and that they were delivered so soon as the midwife came.

Let mee assure such women that, through ignorance, praise these haling midwives without desert; That they had a better, invisible midwife to assist them, Dame Nature, then these ever were, or will bee; which Eve's midwife, through quiet and warm keeping, did so prepare and made the birth ready for another midwife's comming, that shee had

left her nothing more to do, but to receive the child, and fittingly to dresse and order it. And all women would do better to make such midwife's nursekeepers, rather then (such as they would be called) midwives.

And this Dame Nature, Eve's midwife, hath easily, and fortunately delivered severall women in the absence of these laborious midwives, whilst that some other occasions withstood their speedy comming.

I have known severall women, that have had two children at a birth, some that have had three at a birth, none, that have had more, though others have affirmed that they have known more.

When I find twins, so soon as the first is borne, I, presently after, put up my hand anointed, and fetch the other. If the membranes were not broken, I did not feare to break them, and then to draw the second child forth by the feet.

I was called to a taylor's wife in Darby, Elizabeth Elde, her midwife had long struggled with her. The child offering an arme, shee had pulled by it, in hopes, to draw the child forth from the woman's body by her violent doings. The child's arme was made black, and much swel'd, and the child was deprived of life, and the arme became mortified. The poor woman was fearfull of my help, but I, with others, gave her good comfortable words. Shee was perswaded, and submitted to the women's desires.

After that I had placed a woman sitting on a truckle bed, with her legs spread abroad, and her feet close to the ends of a short bolster, laying a pillow on her lap, I desired this labouring woman to kneele on the bolster, and to straddle as wide as shee could. I put her head

Arm.

Gret-
ton
mid-
wife.

down to rest on the pillow that was in the woman's lap. I did not reduce, or put up, the bruised arme, but, sliding my hand along the child's side, I found a foot, and did draw it forth. I quickly obtained the other foot, and then I did draw gently both feet together. The arme went up of it self, as the body of the child turned round. I brought the child past the navel, and turned the face of it to the back of the woman. I put my finger into the child's mouth, and so pressed down the chin upon the throat; and then again I drew gently by the feet with my other hand, and shee was quickly delivered with ease, contrary to all the thoughts of the women present in the chamber, of a dead female child.

And, for that shee had another child in the womb, I did not fetch the after-birth, but put her into a warm bed, and, upon some thoughts deferred the present proceeding for the delivery of the other child, willing the midwife to let mee know when the waters flowed for the second birth. But this unworthy, self-wil'd midwife, hoping to demur her off, never called mee. I came againe unto her some foure houres afterward, and the waters had issued. I found the woman raving, and talking idly. I gave her good words, and, through the perswasions of her friends, shee was brought to kneele. Then, by the feet, I quickly delivered her of a weak, yet living, child. The twins were of diverse sexes, and this woman had two severall after-births, and they were both brought away, the one after the other. Shee had not any forcing pain, or throw upon her, when I put up my hand to fetch the children by the feet. The woman thanked God for her speedy delivery, and much rejoiced at her sudden help.

The last child was a boy, hee lived two or three dayes, and then died. The woman recovered, and hath since assured mee, That shee

would never feare mee more, but that, in case of extremity, shee would refer herself to God, and mee, rather then to any midwife living.

I believe, upon after considerations, that it had been much better for Goodwife Elde, and her child, if that I had not deferred the second birth, but had delivered her again forthwith of the other child, by the child's feet.

The deferring happened through some thoughts, which came into my memory, from a discourse, in former time, between mee, and a good kinswoman of mine (Mrs. Willughby) that was a long experimented midwife, of much practice, and of good repute with women, dwelling in Westminster and London. This good woman assured mee, That shee had laid severall women of twins, and that shee never forced the second birth by breaking of the waters, and that shee had left these women for six houres, or longer, and, after her comming again, that then shee had delivered them safely of the second child.

All this, for the worth of the good woman, I beleaved, but never had made experiment of it; yet, for Goodwife Eld's sake, I should (if occasion served) never againe defer the second birth, but chuse rather to deliver the woman so soon, as possible I could, of the other, after that the first child was borne.

Mrs. Judith Ward of Darby, having twins, the wench was delivered by the midwife; but the second twin (a boy) could not break the membranes, although hee much struggled for a long time. I began to fear her life, and the losse of the child. Therefore, to preserve both, I slid up my anointed hands, I brake the membranes, I took the child forth by the feet, and hee lived a yeare, and then died.

Pareus saith, If there be severall children in the womb at once, and of different sexes, they have every one their severall secondines, which thing is very necessary to bee known by all midwives. I advise the midwife, that shee look for the navel-string in all births of twins, and see, whether they bee not included both in one secondine. If they bee, then there bee not two secondines. I have seen this thing, although the infants were of diverse sexes, included in the same membrane, and these navel-strings were a span distance the one from the other.

After the last child was borne, this woman oft fainted, and was as good as gon. But, by spirting aqua vitæ up into her nostrils, shee again revived, the which was done as oft as occasion required. Mar: 18, 1663.

Great
head.

She conceived again with child about a yeare and a half after this. In the time of her labour, the child's head was found too great for the passage. To preserve both, through hopes that the child might bee alive, I turned the birth from the head to the feet, and the infant was drawn forth by the feet; after that she had suffered above twenty foure houres in extremity, and that all hopes of delivery, by a naturall and usuall way, were extinct.

Shee conceived again the third time, with pain and much suffering; and shee was then delivered by her midwife. The child lived half a yeare, and then died.

I was sent for again, July 1, the fourth time, 1671, shee was delivered before I came.

January the fifteenth, anno 1665, I was sent for to Thurnestone, three mile from Darby, to deliver Elianor Cripple, a shepheard's wife. I found the first child dead, and that it smelt, so I drew it with the

crochet. And it was thought that this child was killed by the midwife's violent struglings.

For the second child I slid up my anointed hands, forthwith I brake the membranes; I quickly delivered her, drawing the child forth by the feet.

When hee was born, hee had two teeth in his lower jaw, white and long; his body was of a very swarthy, muddy colour. But after a small time hee became reddish, and well favoured, and cried very loudly. The mother and the child bee both living.

In her weaknes I went foure times to see her, and shee complained very sadly to mee, how one of the midwives (that was a young woman) had afflicted her through much pulling, and stretching her body.

I saw this woman, with her child. They were both well, and in health, Mar; the 19, 1667—8.

The two teeth, with which hee was born, were turned very black, all the rest were white, and the mother since hath told me that hee hath cast these two teeth.

And I find by experience, That as soon as the first child is born, if that the membranes bee not broken, that it will bee the best way forthwith to break them, and speedily to deliver the woman of the other child by the feet, whilst that the passage is open, and much dilated; the longer it is deferred, the more will the woman suffer through the closing, and swelling, that usually followeth those places.

March the first, 1667, I was called to Ocbrook, to Elizabeth the wife of Thomas Holland. I found two midwives with her, shee had

twins. And the first child (a female) did thrust forth an arme, by which the child was pulled by the midwives, and, afterward, it was forced up into her body, and, between these midwives, the arme, nigh unto the shoulder, was broken, and the child deprived of life.

This woman was much spent, and made very sore, and swel'd, before my comming.

I placed the woman kneeling on a bolster. I put down her head to a pillow, that was laid in a woman's lap, sitting afore her. Then, sliding up my hand over the child's arme, I easily obtained a foot, but could not well hold it, being very slippery, untill I laid my forefinger beyond the child's heel, and, holding it between my fingers, with the foot placed long wayes in my hand griped, with some striving I brought the foot to light, but could not well hold it untill I took it in a linen cloth, and the child, afterward, would not remove, until I forced the shoulder a little backward, by thrusting up the arme, which was fixed in the neck of the womb ; and then the body easily turned round.

I drew the child by the foot, untill it came nigh to the twist of the body, and then, finding the other foot, lying on the belly, I put my middle finger between the thigh and the child's belly, and drawing easily by my finger, and by the foot, I brought it to the neck, and, having turned the child's face to the back of the woman, I put my finger into the dead child's mouth, then, drawing by the feet, shee was quickly laid, without any throws or enforcements from the womb, of this female infant.

The second child was a male child. I fetched him by the feet ; and hee was easily and quickly borne alive.

In the same uterine cake, in which both these infants were in-

cluded, I found both navel-strings, a span distant, the one from the other, having the several navel-strings united to that membrane.

And, therefore, it is not alwayes certaine, that infants of diverse sexes should bee folded in severall secondines, (as Pareus would have it) for I took great observation of this secondine, and of the diverse sexes, and I speake no more, but what I saw, and found to be true in these infants so placed in their mother's womb.

After the woman's delivery, I much feared that shee would not have recovered her weaknes; for that her face, hands and feet were very cold, her spirits weake, her speech very low, and her strength much enfeebled, and shee had a weake pulse.

Her cold hands and feet were wrapped in warm cloths, and over her lips was held a warm hand, hollowish; that her breath by reverberating against the hand, might returne warme againe upon her face; and over the hand and face was spread a thin linen cloth, warmed: and sometimes a warme face was laid to her cold cheeks, and, by these wayes, with warme and quiet keeping, beyond expectation, through God's permission, shee recovered. And these wayes, by the hand, for renewing heat in her, I learned and observed from the midwives.

The weake-born child lived, but could not suck. It was fed with boiled milk, thickened with white bread and sweetened with sugar. I saw the mother Anno 1669. Shee said that her son lived, and was able to go about the house.

In Stafford, Anno 1655, a poor labouring man's wife was brought to bed in the night of a child, the midwife could not find the after-burden, and my help was desired in the next morning. I went unto her, I found that shee had another child. I drew away the dead

child by the feet, and the woman recovered; her husband was a sawer of timber.

A young woman in Darby, Nov: 1671, had a slip and stumbled, but did not fall, being great with child, in the eighth moneth of her going with child. Shee continued in pain a whole week afterward, and the last foure dayes her paines were great. I was called, the 14th. day, die Solis, and a little before my comming, the waters had issued. When I came into the chamber, the midwife told mee that the child came right. But I saw a great deale of blood lying on the floore, the which, I believed, happened by the midwife's haling of her body. And I perceived that the woman was unwilling to continue under the midwife's hands. Not long after, a child was born, and there appeared another child. I feared the woman's life, for that again shee lost much blood, and it did run upon the floore in a streame. About half an houre afterward shee was delivered of a second child, and when the after-burden was fetched away the flux of blood stopped. Shee was weak a week and more. One of the twins was weake, yet shee and her twins were alive December the 13.

The twins were both females, and both contained in one seconde, the navel-strings were thick and larg, about a span distance the one from the other, and the substance of the uterine cake was not fleshy, but thickish and quobby, furry, soft, and full of venes, without any fleshy substance. I never did see the like afore.

Goodwife Smedly, being troubled with a dribling of the reds, in a larg quantity, for a long space, was much weakened, and dejected by them; but was cured by mee by taking pil. pacifica every night, horâ somni, when shee went to bed.

After her recovery shee conceived of two female twins. Shee told mee that the first was quickly, and easily born. But, for the second, shee suffered much, through the midwife's enforcements to hasten the birth, and was wearied out with pain, and distracted with it, and her life was much endangered before shee was delivered of the second child; but shee recovered, and both her children lived.

A difficult birth

1. Is called that, which continueth long, as severall dayes, and hath greater pain then ordinary.

2. A difficult birth will afflict foure or five dayes, or longer, and, usually, the child dieth in that time, and sometimes the mother with it.

3. But a naturall birth is not of long continuance (if it continue twenty foure houres it may bee called a hard birth).

Many causes of a difficult birth bee alledged, some bee internall, others externall.

4. From the mother being weake, or being very young, or old, or being too leane, or too fat, and not able to presse down her belly for the expulsion of the child.

Mother.

5. Or having an ill conformation of the bones, or troubled with diseases, as the colick, or stone, &c.

6. Or bee disquieted with passions.

7. Or if, in the parts belonging to the womb, there bee tumours, ulcers, or sores, or painfull, swel'd piles.

8. Or from the foetus, when it is too great in

Foetus.

9. Head, or body, or when it is weake, or dead, or seldom moveth, or when it offereth to

10. come forth with the hands, or arme, buttocks, knees, or feet, or in any other evil posture, one hand and foot, both hands and feet, or with a distorted neck, or lyeth oblique in the womb.

11. As also when the membranes, containing the child, bee suddenly broken, and so the child bee left in a dry womb.

Mercatus saith, That it is a signe of a hard delivery, when the waters flow, some dayes before the birth, very copiously. For the waters being spent before the time, the infant cannot slide forth by reason of the drines of the womb.

12. Sennertus saith, That it is a signe of a hard delivery, when that the laboring woman's paines bee faint, and that there is long intermitting time between the comming of them, and that the paines run more to the back, then to the birth place.

13. Or, when the membranes bee too strong, or thick, that they cannot bee broken with the child's enforcements.

Womb.

In respect of the womb, the birth may bee difficult, if it bee too narrow in the passage, if ill conformed or distorted, or obstructed with swellings, ulcerated, or any way ill affected, or troubled with the stone in the neck of the bladder, or with excrements in the great gut, or too much water filling, and extending the bladder, or the hemorrhoids. Or, if the os coccygis bee too firme, and will not yield a passage for the departure of the infant.

The ill placing of a woman in time of her delivery.

If all things proceed right in the birth, and the infant is not borne, it is to be feared that the infant's head is too great, or that some mole, or tumour is joined to the infant.

Head.

If the passage through the bones bee too narrow, or strait, if anointing with convenient oiles, or ointments, shall profit nothing, the infant perisheth, and it must bee drawn away by the Chirurgion's hand, otherwise the mother will perish with the child.

Bones.

Si secundina exeat, manente foetu, lethale. 304, Primrose.

14. Or from externall causes, when the aire is too hot, or cold, or too much heat, or cold, in the chamber may hinder the birth, or too much feeding on grosse, or astringent meats, nigh the time of birth.

15. Also, the too forward hastines of the midwife may cause a difficult delivery, immoderate evacuations, or if, by the labour, vomiting, epilepsy, or convulsions, or fluxes of blood do happen.

16. Too much sleepines and stupidity retard the birth, and shew nature to bee weake.

17. The bladder, full of water, and the intestinum rectum, stuffed with excrements, will cause difficult labour.

18. When the child is dead in the womb, swoonings, and convulsions, and sleepines usually follow, and these accidents bee oft the forerunners of death.

19. Those that fall into travaile before the full and fixed time, are very difficult to deliver, because the fruit is yet unripe.

A weake infant is known by the mother's long sicknes, or that shee hath had a loosnes, or if that shee hath been troubled with a flux of blood, or that her milk hath run much out of her breasts.

Wayes
in dif-
ficult
births.

Sneezing is good, and much advanceth the woman's delivery, it also driveth forth the after-birth.

Let all cruelties, as cutting of children in pieces in the mother's womb, with all violent wayes in every difficult labour, bee forborn. For it retardeth the births, and, oft lacerating the body of the woman, maketh her paines intolerable, which renders her so weake, and heartles, that shee hath no strength left to endure her throws, and the child's enforcements. Whosoever useth such harshnes, may well be branded with cruelty, and ignorance in midwifery.

A London midwife, very officious, endeavouring to have a speedy delivery, through haling, and stretching those tender parts, made a labour of long continuance, and, with her halings, a breach about an inch long into the fundament. With this affliction the woman was much disquieted. For ever afterward her excrements came forth by the birth place; yet this woman did much commend her laborious midwife, and said that shee took great paines to deliver her, to save her life.

This fact was done in Fleet-street. The woman came to mee for help, and shewed me her torn body.

Where this grief can, without trouble bee suffered, it will bee much better not to meddle with it, then to endeavour to cure it. For it will cause the next labour to bee more dolorous, and difficult, by making a new laceration, or incision.

But, not being cured, the ensuing births will bee more easy, by reason of the spaciousnes of the breach, the vulva and intestinum rectum being laid together, and making but one passage.

Zacutus Lusitanus reporteth, That a certain midwife carried a long

knife secretly in her sleeve, with which shee cut the womb, or fundament, whilst that the woman was in great paine. Flouding followed her wicked practice, and, if any recovered after her cruelty, they lived miserably all the rest of their dayes, ever having their excrements comming per vulvam. For these her evil deeds shee was banished by the Magistrates. De praxi medic. admirand., lib. 3. obs. 141.

A good woman dwelling at Brincliffe, nigh Sheffield, through a difficult labour, fell into the hands of an ignorant woman. Shee cut the child into severall pieces in her body. By this midwife's knife, and the child's bones, the woman's body was hurt in the extraction of the severall parts of the child's body. And, through the raising of the neck of the womb, it became ulcerated.

Some severall yeares after I was sent for, and, after mee, severall others. By our applications her paines were mitigated, but none of us could cure her. At last, of this affliction shee died, ulcerated in her body.

A good Gentlewoman, big with child, desirous of my acquaintance, and to have my counsell, came of purpose to mee to Darby, and, after some conference, returned to her house in Staffordshire.

At the time of her travaile, the child proffer'd an arme. This unnaturall birth dismai'd the mother, and troubled the midwife. My company and assistance were wished for. And man and horse were provided to have fetched mee. But this resolution was unfortunately altered, and shee was perswaded to put herself under the hands of a wicked woman, that took upon her to free her of the child.

This woman first cut off the child's arme. Afterward, shee divided the child into severall parts, to pull it forth by pieces. Her knife,

Mrs.
Gif-
ford.

Arme.

in doing this work, was broken with many great notches, as shee hackled in her body. All which a Gentlewoman told mee, that was there present.

This Gentlewoman died in few dayes after shee had suffered her barbarous tortures. I comming afterward among her sad friends, lamenting her death, they shewed me this knife, full of great notches. And all of them reviled this ignorant woman, and too late distasted her evil doings.

Mercatus saith, That all children bee born by the head or feet, although they may lie in the womb oblique, contorted, or depraved with various postures. I have known some children comming by the buttocks, and so borne.

That is supposed to bee a naturall and easy birth by all midwives, when the infant commeth forth with his head forward, presently following the flux of waters.

But when it commeth by the arme, back, or belly, buttocks, side, knees, or feet, these births they call unnaturall, and they have need of help.

Let midwives, therefore, bee perswaded, That, as oft as they perceive the child to bee comming forth in an evil posture, either with his belly, or back, forward, or, as it were, doubled, in a crooked posture, or with his hands and feet together, or with his head forward, and one of his hands stretched over his head, or with the buttocks, that they ought to turn the birth, and to draw it out by the feet.

In all these births, when too great straitnes of the narrow passages has not hindered my endeavours, and where the bones, through the

rickets, or unnatural weaknes, have not been of an ill conformation, I have onely used my hand, and have happily delivered the women by the child's feet, without the use of any kind of instrument whatsoever, and I had rather so do it, then to make use of the crochet.

In all difficult births, I shall endeavour to set forth, with God's permission, my wayes, in as plain directions, and familiar, easy words, as possible I can find forth, being desirous to help women in their afflictions, and to save their children's lives.

Let, therefore, the midwife, in every difficult birth, bee well assured whether the child be alive, or dead.

Let her not bee too hasty to send for a young chirurgion, to extract the infant, and let her never put him forward to bee busy in such works; least, unadvisedly, hee destroy a living infant, through her perswasions, which may, in time, terrifie both midwife and chirurgion, as also others.

Whether the child bee alive, or dead, the mother may give some probable conjecture in what condition her child is, by the stirring, or not moving of it. Also the midwife may have some foreknowledg. For, if that shee perceive any pulsation in the navel-string, or in the arteries of the head, or temples, or in the arteries of the wrists of the hands, or feet, or that it suck the finger. For any of these signes shew the child to bee living.

And, as long as the child is living, to have a tender conscience, not to destroy life, although it come in no good posture, but rather endeavour how to amend the birth by their own practice, or by the help of others.

Head.

When the head commeth first, and is much entered into the passages, or into the bones, then to keep the travailing woman quiet, in a warme temperature, not too hot, or cold, in, or on her bed, made as formerly directed, will much conduce to her more easy delivery; anointing the birth place, sometimes, with Balsamum Hystericum, or such like, and putting some of it into the woman's body.

Sometimes the externall parts of the woman's body may bee so narrow, that the child will happen to stay after the head is past the bones, and can come no farther forth, but resteth there, pressing forth the body, and fundament into a larg tumour.

In this case, put the woman to her knees, and anoint the body very well, both inwardly, and outwardly. Afterward, toward the back of the woman, put up two fingers anointed, between the rump-bone, and the child's head, keeping your fingers steadfast on the head, with the back of your hand toward the back of the woman; then lift up the back of your hand toward the rump-bone, and it will dilate the straitnes of her body, and the lifting up of your hand, with the holding your fingers steadfastly on the child's head, will turn the circle of the lips of her body over the childs head, and so it will the better slide forth. All this while keep warme the birth-place, oft anointing it with balsamum hystericum, or other oiles, and, if more need require, you may at this time conveniently give a dose of pulvis parturiens.

By these meanes I laid a young woman, labouring of her first child, in Darby Jan : 23. 1667.

And after the same way was delivered Mrs. F. of Hopton 1631. I took the same way with a woman at Kegworth.

After this way I helped Goodwife Forman of Spoonon, having suffered much, and delivered her of a living child 1660.

To facilitate her labour I gave her a decoction of germander, penyroyall and calamint, boiled in posset drink, the which I tinctured with saffron; and to a draught I added a spoonfull of the Earle of Chesterfield's powder, and two spoonfuls of oile of sweet almonds. This quickened her throws, and at last, brought forth the child.

Vide the powder of eeles by Helmont, Dr. Willm. Sermon's to that purpose.

But, in this birth, there will bee some danger of a breach into the fundament, unles you bee very cautious, and it will bee much hazard to prevent it.

I was called to Osliston, foure miles from Darby, to a young woman, a stranger in that place, labouring of her first child. The child's head was great, and it was descended to the labia vulvæ, and did, with the head, largely extend, and presse forth all the parts thereabout, and her body was too strait to afford a passage for the child's head.

I oft anointed those parts with oiles, and gave her severall medicines to facilitate the birth. Yet, for all my care and endeavours, the child's head made a breach, which did not reach into her fundament, which cured itself, and shee was delivered of a living child.

But the father of the child was not known, and the mother's friends had not cared, if that the child had died, so that the woman might bee saved; and what afterward became of the mother, and the child, I know not.

A dead
child.

A diffi-
cult
birth.

I was sent for Aug: 15, 1667, to Church Broughton, to deliver Isaac Saint's wife. The child was great, and had much entered the bones, and there it did stick, and would not bee removed.

After the anointing of her body, and keeping her warme and quiet, I gave her a dose of this powder following, and within an houre after the taking of the medicine, thorow throes came, and shee was delivered.

The head was more easily borne, then the rest of the body. The dead child did stick at the shoulders, they were drawn forth by putting my finger under the child's arme-pit. The child was swel'd in all the body, and in severall places the skin was flayed off it, it did stink; yet the woman recovered, and hath had another child since that time, and was then delivered by her midwife.

The powder

R Trochis. Myrrh. ℥iiij, Castorei ℥j, Succin. Alb. ℥ij, Croci Optimi gr. X, Boracis ʒj, M. fiat pulvis cui adde Ol. Succin. gut. iij et dividatur in tres partes æquales. I gave one paper full in posset-drink, tinctured with Saffron, and sweetened with sugar, and, with God's permission, a happy and good delivery followed after the taking of the medicine.

Mrs. Alice Heath, a scholemaster's wife in Staffordshire, was by mee delivered of a living daughter. Her waters had flowed some three days afore, and her labour was long and painful. Her Husband came to mee Dec: 24, in the afternoon. I went with him.

I gave her the midwife's powder, but it did little good, to which I added, afterward, some borax, with some oile of amber, and the balsam

of charity, the which opened her body. At last, between the child's head, and her body, I put my two fingers, and lifted up the skin toward the fundament over the child's head. Then it pleased God to suffer the child's head to slide into the world.

The after-birth was difficult to fetch, but, at last was obtained. After her delivery shee lost some blood. That night shee and her child took good rest, and shee slept well. The next day, being Christmas day, I left them both chearfull and well, in the afternoone 1662. I so returned to Darby.

To prepare women's bodies, and to cause them to have easier labors, let mee commend unto them the use of oiles, and mollifying clysters, as also sometimes to eat figs.

Let mee commend to the meaner sort of women, which have not store of meanes to supply their desires, good salad oile. But, to the more able, and richer sort, oile of sweet almonds, newly drawn. These oiles will dilate the passages, and mitigate, and shorten their paines of harsh, and long, dry labour; taking a spoonfull or two in broth, or posset-drink, in the mornings, or at night, or at both times.

So will anodyne, and mollifying clysters, and to eat white bread toasts well buttered, with good, new, sweet, fresh butter, for a fortnight, or longer continuance, before the time of travailing approacheth.

Mrs. Isabel Mumford, a woman dwelling in Darby, about the yeare 1655, having her children born with great affliction, intreated mee (if I could possible) to direct her some meanes, whereby shee might bee the more easily delivered in time to come.

I willed her to take, a moneth before the time of her travaile, every day good oile in posset-drink. Shee made use of my directions,

and, afterward, shee assured mee that it gave her much ease, with a quicker and more comfortable speed in her deliveries, then usually, shee formerly had enjoyed.

Jan: the sixteenth, 1669, I went to see her, not knowing that shee was with child, and seeing her very great, and imagining that shee was not far from her account, I asked her whether shee made use of the oile. Shee told mee that shee ever did make use of it nigh the time of her labour, and that now shee was in taking of it.

But said, That shee could not take it in the morning, but took it at night in warm posset-drink, for being taken in the morning, it did much trouble her stomach all the day after; that it kept her body indifferent soluble, and caused her labours to bee more moist, and easy, whereas, before, it was very dry and difficult and tedious unto her. And few dayes after this my visit shee was well delivered of a living child by the midwife.

But the richer and more wealthy sort, I advise them to take oile of sweet almonds, newly drawn, to the quantity of an ounce, in two ounces of parietary water, or in white wine possets, or in thin broth.

And, every night, and morning, to anoint the birth-place, and the rump-bone, and the share-bone with balsamum Hysterium, or oile of lilies, sitting before a warme fire, and gently rubbing it into those places with a soft hand.

Let the poorer sort use oile of lilies, capon's, or hen's grease to anoint with.

For, where the body is much bound, there will follow a hard and difficult labour, unless an emollient clyster bee administred, to free the rectum intestinum of the excrements.

Clysters.

Guillimeau, the French King's chirurgion, reports, That hee was present at the travaile of a sick, poor woman, that had not been at stoole in ten dayes before, whose great gut was so fill'd, and stuff with excrements, as hard as a stone, that it was impossible for her to receive a clyster, and wee were constrained, before shee could bee delivered, to get out all the said excrements, otherwise, it had been impossible to have taken forth the child.

In country villages, where nothing but herbs, milk, and eggs, with some course sugar, was, at the most, to bee had, I have made clysters of such materials, and have used them with good successe.

But, usually, I give such a clyster, if that I am where such ingredients may bee procured.

Take a pint of new milk, make thereof a posset with good ale, in a pint thereof boile chamomil flowers half an handfull, of cumin seeds a little spoonfull, of anniseeds, and sweet fenel seeds, and of linseed, of each half a spoonfull, Bruise all the seeds grosly, boile these together leasurely, to the consuming of the one half, then strain it, and to some foure, or six ounces of this decoction put a spoonfull of hard sugar, and keep it warme.

Then take venice turpentine, washed with plantane water, six drachmes, put it into a pewter-dish, and adde to it the yolk of an egge, with a spoone stir them well together over a small heat of embers, and they will well mix by stirring, and come like a milky cream, then, being lukewarm, put this mixture into a clyster-bag, and adde to it two spoonfulls of oile of sweet almonds, or of salad oile, and so let this clyster bee given; and let the woman retain it as long as shee can conveniently, the longer, the better, as three, or foure houres, or, if it may bee, all night, and sleep, or endeavour to sleep after the taking of it.

At the discharg thereof the intestinum rectum will bee freed, and emptied of all the excrements, and the uterine passages will bee suppld, and made pliable for a more easy dilatation to the delivery.

But if the woman should have a loose stoole, or two before her labour, then you need not to trouble her with a clyster.

The thicker, and bigger the end of the clyster-pipe is, the easier it will enter, and better passe into the woman's body for the giving of the clyster, and, through the greatnes of the end, it will put aside all the wrinkles, or folds of the intestinum rectum. But if the pipe will not go easily up, but is hindered with these folds, or wrinkles of the gut, then, with your finger anointed with butter, or, with a candle, a little warmed toward the end, and conveyed three or foure inches into the body, you may make a free passage, for the going up of the clyster-pipe, and for the better receiving of the clyster.

When the child is much descended, and filleth the birth-place, you must not put the clyster-pipe directly forward, but put it aslope, backward, between the vagina uteri, and os coccygis, so you may, without trouble, or losse of the clyster, deliver, or put it up. Otherwise, the child's head, filling the passage, will suffer no part of the clyster to bee conveyed into the fundament. Or, instead of a clyster-pipe, you may make good use of a catheter, as you do the clyster-pipe.

I was sent for by a Lady, and Kinswoman, who thought that shee was within a fortnight of her account, but shee continued above that time seaven weekes, shee used, a little, the Balsum Hystericum to anoint with, and took, sometimes, a spoonfull of oile of sweet almonds, commended to her by Dr. Phipps. But both these shee used seldome, and in small quantity, and so shee had no good by them.

And, for that shee was very costive in her body, I oft moved her to take a clyster; but shee would not hearken unto my desires, and shee gave too much belief to foolish women, that were about her.

Friday the 29 of Nov. 1661 about foure in the afternoon, shee forced herself to have a stoole in her closet. By this great striving, so soon as shee came into her chamber, her waters did breake without any pain, and flowed all that night, and all the next day in abundance, (the which I took for an evil signe) and shee had no labour at all with the flowing of the waters, and shee would sit up all that friday night.

I perswaded her, on Saturday at night, to go to bed, and was called again to her December the first early in the morning. I then moved her to take a clyster, assuring her that it would much promote her labour, and ease her paines, with hastening the birth, through opening, and dilating of all the passages, but shee would not bee perswaded to follow my desires, nor hearken to my motions.

Her chamber was too great, and too light, at the time of her labour I could not obtain the favour to have it darkened. Her Husband feared the knocking in of nailes should spoile the windows.

In the afternoon on Sunday shee had an hard stoole, but it must bee concealed from mee.

Her labour being long, and tedious, I intreated her to take the Earle of Chesterfield's powder, to move the birth, in posset-drink, in which was boiled calamint and penyroyall, and afterward tinctured with saffron. Some two houres after, with much beseeching, and entreaty, I did get her to take it again, and I did acute it with borax. Then shee had some through throws, and in her labour, the excrements of her body were forced out before the child's head, as it descended. And,

before the child was borne, great blasts of wind, of long continuance, like farts, came from the womb, between foure and five, that Sunday at night.

The child was still-born. The midwife made much ado to revive the child, but in vaine.

I caused her to separate it from the after-burden, fearing again that some evil accidents might happen by the retaining the after-burden, through closing of her body.

This Lady suffered much through her great averseness against clysters, otherwise, shee might have beene more easily delivered, and, in probability, might have brought forth a living son.

The midwife was fearful to fetch the after-burthen, so I was put upon the work by her husband, the which I quickly performed. And, for that shee was apt to floud, I gave her a drachm of the prepared powder of white amber, mixt with the yolk of a raw egge, in a caudle, and each particular succeeded well, the death of the child onely excepted.

In the birth afore this, the midwife durst not fetch away the after-burden, for that shee flouded as oft as shee touched her body. It rotted away from her in severall pieces, and had like to have been her death. Shee was afterward, long weak, and had great white, painfull swel'd legs during her weaknes.

Had shee taken a clyster, I verily beleeve that shee would have had better, and speedier labour, and that then the child's head would not have forced forth excrements, before the birth. So pain ensued, and made her have little or no power to help herself in her extremity.

In all my practice of midwifery I never, afore, or since, observed

such blasts, or gusts of wind to come from the womb of a woman in travaile.

Sennertus de partus naturalis signis sic inquit.

Alvus ut laxa sit, non dura, det operam. Imò, si partum jamjam instare animadvertat, clystere emolliente alvum laxare utile, imò necessarium est, cum, si alvo obstruetâ ad partûs labores accedat, non parùm periclitetur.

October the eleventh 1668 I was sent for by a right Ho^{ble} Lady, and desired by her to bee in the house all the time of her travaile.

Shee was of a contrary opinion to the former Lady. Her usuall custome was, for a week, or more, before shee thought that her labour would come upon her, to take two clysters every day. The first to free the body of excrements (if there were any) and to prepare her body, in making way for the better keeping of the second.

At her full time shee was, in short space, easily delivered of a very great child, without much strivings, pain or trouble. I did wonder to see so great a child born with so easy delivery.

I left both mother and child alive, and both likely long to live, some foure, or six dayes after her delivery.

I have observed in all women, that I have laid, and have the same affirmed by severall midwives,

That, where the intestinum rectum was loaded with excrements, that there was alwayes a troublesome labour, and that the child's head, as it slided, would thrust forth the excrements before the child could bee borne, and I can speake it experimented in diverse women, having had my hands &c

Therefore it is very necessary that the intestinum rectum bee freed of all excrements, in all women, before they fall into travaile. For that in those passages a little stoppage will cause troublesome struglings with much painfull sufferings.

As also to empty the bladder, by making urine, so the child will have a more spacious, and more easy egress at the time of birth.

I was called to lay Christopher Naylor's wife of a dead child in Darby. After that I had brought it a little past the navel, suddenly abundance of warm moisture flowed upon my hands, I was somewhat dismayed at the feeling of it, for fear that it should have proved blood. But when I looked on my hands, I found that it was onely a great flowing of her urine, which had been stopped. Shee had not made water for severall dayes afore, and the child's head, by pressing the neck of the bladder, did cause the stoppage of her urine, and the bladder, being greatly distended with her water, did hinder the child's head from descending. And that was the cause of the difficult labour, and, in probability, of the child's death; the stopping made by urine.

Thomas Raynold Physician in his book of the birth of mankind, saith, That a labouring woman, when necessity requireth, may take a clyster. But it must bee very gentle, and easy, made of the broth of a chicken, or other tender flesh, putting thereto course sugar, or hony, with some salt, or there may bee made a decoction for a clyster, by seething in water mallowes, or holyoakes, with hony, and salt.

But Pareus, with others, commend sharp clysters to bee given to women in labour, to bring away the excrements, and to provoke the expulsive faculty, for the more easy exclusion, or driving forth of the infant, but hath not left us a direction how to make them.

I find this clyster in Guillimeau fol. 122. R Bismal. cum radic. Matricar. Mercur. āā m. i. Aristol. nostrat. Dictam. Arthemis. āā m. s. flor. lavend. p. s. sem. lin. fœnugr. āā 3s. fol. sen. mund. 3vj. Fiat omnium decoctio, de quâ cape quart. iij. in quibus dissolue Diophæni. Hier. simpl. āā 3iij. Ol. Rutac. Cheyrin. āā 3ij. fiat clyster.

Madam Louyce Boarges, midwife to the Queen of France, was of Pareus opinion. Shee was called to a woman, that was very weak, and had been in labour nine or ten dayes, and whatsoever shee took, shee instantly vomited it up.

Shee perceived that nature was oppressed, and had not any good assistance, and that the infant was retired back again, which stifled the mother, and provoked this vomiting.

Whereupon shee gave her a good, strong clyster, to awaken nature, and to bring the infant lower, which it did, according to her hopes. Afterward shee gave her a small quantity of rhubarb water, and, at every houre's end, the yolk of an egge, and these stayed with her.

By this time nature began to bee strengthened, and the paines of the infant came again in lesse time, then two houres after the taking of the clyster, and other nourishment.

When shee saw her pretty well, and that nature strove to expell the infant, shee gave her half a drachm of confection of Alkermes, in a little wine, and, a little while after, another clyster, into which shee put a little Hiera, and a little Benedicta laxativa, which finished the work, and shee was then delivered of a very lusty child.

And it was her opinion, That a woman, travailing in the ninth moneth, ought chiefly to bee succored with clysters, Thus Madame Louyce Bourgiours.

I have known severall medicines used by some with good successe, which, in the hands of others, have proved fatall.

I have used milky, and anodyne clysters, made with aniseeds, and cumin seeds, and fenil seeds, yolks of egges, and venice Turpentine washed in plantane water, with oile of sweet almonds, or such like oile.

But I durst not bee bold to give sharp or strong clysters to women nigh their account, or in their labour, for feare that they should move too much to stoole, and so cause a drawing of the after-purging from the womb to the bowels, and so, through too much purging, destroy the woman after her delivery.

Guillimeau saith fol. 48 That, if the woman bee troubled with pain, you may give her a clyster as this

R Fol. malv. matrica. āā m. j. flor. chamam. melilot. et summitat. aneti āā m. s. sem. anis. fenic. āā ʒiij. bulliant in jure capit. vervec. vel vituli. de quo accipe quart. iij. In quibus dissolue Ol. Anethi, Chamamil. āā ʒij sacchar. rub. ʒi. s. Butyr. recent. ʒj. vitell. ovor. duor. fiat clyster.

Nevertheles hee was of opinion (if it may bee don possible) that they should abstaine from clysters, because hee had seen women, sometimes, through as small a clyster as this, fall into great torments, yea even into throws, nature being thereto prepared and ready, which turned to the chirurgion's disgrace.

There was a good woman in Darby, that had severall great pashes of the reds, but whether shee had suffered any false conception, or abortion, I knew not, with cordials, and pil. pacifica shee was restored the first time.

Shee afterward conceived, and went forth her full time, but in her

labour fainted, and swooned. I was then sent for, and found her sitting, whether in a chair, or on a woman's lap, I do not now remember. Shee was very pale, and faint, having a dying countenance, and her midwife not attending her work, but pulling her by the nose, to keep life in her.

I willed the midwife, with the women, to lay her on her bed. With good spirits, and uterine cordials shee came again to herself, and when, afterward, labour began to approach, I gave her a dose of pulvis parturiens, and put her into her midwife's hands, as shee was lying on the bed, and shee was speedily delivered of a dead child. And thus, at the second time, shee was recovered.

At her fainting, and swoonings, I suppose the child died in the womb.

Afterward, shee conceived again, and, nigh the time before labour came on her, shee desired an apothecary to make her a clyster to move a stoole, or two. J. W. hee made it. I know not, but this clyster of his gave her many stooles, and brought much weaknes on her. Shee being not well that night, after the clyster had done working, her midwife was sent for; shee, and her midwife, supposing her paines to bee not anything relating to her labour, the midwife went home, leaving her in bed with her husband. But, within a very little space, the waters flowed. Her Husband made hast again to fetch the midwife. Before the midwife came, the child was born, through nature's force, without the midwife's assistance, and heard to cry lying in bed with the mother. The child lived, and the mother seemed to recover her strength. But the second day after her delivery, shee was ill, and troubled with a loosnes. The fourth day I was sent for. I found her fainting, and altered in her understanding. I used my best endeavours to help, and restore her the

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third time. But fainting, with sensible fading every houre, increased, and deprived us of a good neighbour, and that afternoon shee died.

Her corps soon corrupted, so that they were necessitated to bury her the next day. And I beleeeve that her death began in the womb, with a mortification, occasioned by the turning away of the after-purgings of the womb to the bowels. But, for her sake, I will bee cautious in giving clysters, that shall bee strong, to provoke severall, or many stooles, nigh the time of labour, least that the same disaster should happen under my hands.

The Lady Lee.

A Lady, that had a great belly, shee assured her physician, That shee was not with child, and that it was wind, and humours, which made her body to swell, and to bee so big. At her request hee gave her a potion. It worked much on her body. And, that night following, shee was delivered of a living child, with little suffering. The physician left no farther motion of purging after her delivery, and shee well recovered. But I cannot commend her unadvised doings, although no evil accident followed.

When the meanest of the people were made Priests, in Jeroboam's dayes, then Israel began to bee afflicted. Afterward followed the destruction, with the captivity of the people.

When the meanest of the women, not knowing how, otherwise, to live, for the getting of a shilling, or two, to sustain their necessities; become ignorant midwives, then travailing women suffer tortures, by their halings, and stretchings of their bodies, after which followeth the ruining of their healths, and sometimes death.

Whatsoever woman shall commit her body to the practice of a young midwife, that hath read a little in a midwife's book, and hath

there seen schemes of the postures of severall births (the which shee doth not understand) and, perchance, not by her skil, but by nature's force, hath laid a woman, or two, in an easy and naturall birth; I shall fitly compare such a woman to an unadvised passenger, that will hazard his safety with a Pilot, that never went a sea voiage, but, by reading of bookes, or crossing the Thames, or some small river, makes himself a Pilot. And I imagine, not any, if wise, will commit their safety to these midwives at land, or to such Pilots at sea, unles they bee destitute wholly of all other help.

A woman is not borne a midwife; It is education, with practice, that teacheth her experience; And midwives have need of good memories to help their judgments in all their undertakings.

The young midwives at London bee trained seven yeares first under the old midwives, before they bee allowed to practice for themselves.

Severall midwives, (chiefely about London) use midwives stools; many in the country make use of a bolster, stuffed with hay or straw. Others, in severall places, make use of both. For a woman to lie on her back on her bed, in an unnaturall birth, or to use a midwife's stoole is not so convenient, as to kneele on a bolster, for that the midwife cannot have the command of her hand to put back the child, or to turn the birth comming in an ill posture, as shee is placed on the bed or stoole, for that her work resteth above her hand, and so it will bee very troublesome to put it backward, alwayes falling again on her hand.

But kneeling on a bolster, and her head put downward, the child will go back from her hand, of itself, or it will bee the better helped by the midwife, for putting it again into the hollownes of the woman's

body, and there to keep it, untill the birth may bee fittingly ordered, as occasion shall require.

The labouring woman, sitting with her body naked on the midwife's stoole, usually taketh cold, which starveth, and straiteneth the body, and oft bringeth much griefe, and affliction both to the mother, and the child, with a long continued labour.

I rather commend an easy, low pallet, or a warme bed, and they bee more usefull, when that the child commeth naturally, following the waters.

The placing of a woman in a fitting posture doth much facilitate the birth.

A bolster is most fitting for an ill posture, as also for a difficult birth, where the child hath need to bee altered, or turned, for the labouring woman to kneel on in a descending posture.

A midwife's stoole is good for little, or, rather, for nothing, yet severall women do highly commend them.

In case of necessity, midwives, that know how to make use of a bolster, and of the bending postures belonging to it, shall bee freed of severall inconveniences, and incumbrances, incident to delivery.

When a child is to bee turned, or to bee extracted by the crochet, the best way then will bee, for the woman to kneele on a bolster.

For which observe this order.

First take the bolster, and shorten it, by shaking all the feathers into one end, making it indifferent hard; Then roul the bolster in a sheet, or blanket, to keep it firm, that the woman's knees sink not much

into it. Or use a sack stuffed with hay, or straw, and rouled in a blanket, or sheet.

Then place an assisting woman, sitting on the pallet, or bed, with a pillow on her lap, and her legs spread as wide, as shee can conveniently, and let the bolster bee laid, as nigh as may bee, to her knees, and feet.

Then bring the woman, and cause her to kneele on the bolster, spreading abroad her knees. After this, put her head downe, unto the pillow lying in the woman's lap, that sitteth afore her.

Then is the woman fitted for turning of a child from the head to the feet, or for the altering of the birth, or for the drawing of a dead child with the crochet.

If you have a desire to turn the child, when that it hath too great a head, or when the bones bee evill framed, and hinder the comming forth of the child, then, after shee is placed kneeling on a bolster &c

Great
head.

Slide up your hand anointed into the woman's body, and, afterward, spread it flat upon the child's head, and gently force the child back, toward the mouth of the womb, untill you have roome enough to search for the feet, and having found a foot, draw it leasurely forth, holding the foot in your hand griped between your fingers. The infant's body will turne easily round, and so bee drawn forth.

February the fifteenth, 1667, I was called to one Anne Harison, at Horsley woodhouses. I found the woman's spirits decayed, and shee as good as dying. The midwife told mee, That the child was dead, and I beleevd her, after that I had seen the child's arme, which was much swel'd, and mortified, and pulled forth, and fixed in the birth by the midwife's enforcements.

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After my way prescribed, not reducing the arme, I brought downe a foot, and I drew gently by that foot, untill I had obtained both feet. But the arme of the child, at the shoulder, was so used, and fixed in the neck of the womb by the midwife's pullings, that the child's arme would not move to go up, or the child's back bee brought to turn round, untill I took the child's arme into my hand, and, by the elbow, had forced it a little upward into the woman's body. After this, the body of the child turned easily round, and the arme went up, of it self, without forcing, and, after my usuall way, shee was soon delivered. The after-birth, without any strugling, or laceration, was soon fetched away.

In this woman, after that I had put up my hand into her body, I found that I slid it on the backbone of the child, I did not take it out of the woman's body, but I turned my hand round, and, with ease, I came quickly to the child's belly, where I found the feet. Without any torture shee was soon, and easily delivered. I observed, That shee had os coccygis very broad at the end of it, and thick, and inverted, nothing moveable. Through the ill position of her body, as well as through the ignorance of her midwife, and her unhandsome usage accompanying the unnaturall birth, her death was hastened by the midwife's enforcements. Shee lived but a small time after her delivery, about an houre or two, and so departed.

Vide Mrs Stone of Rudgly.

When the child hath much entered into the bones, it will bee a difficult matter to thrust him back, to turne him to the feet, chiefly, after that the woman is become weake, through the midwife's strivings.

But if the child bee not entered much through the bones, and bee alive, having a great head, or pitched in the woman's flank (as mid-

The
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wives will have it) or with his head bending to the back, or breast, and that, through these difficultnesses, the woman is endangered, and the midwife knoweth not how to deliver her; Here I hold the best way to preserve the mother, and the child, will bee to turn away the head, and to produce him by the feet, which is the last, and onely refuge to help both, and to preserve the child with the mother.

About the yeare 1654 I travailed with my guide, about the middle of summer, all the fore-part of the night, and was brought to Bromidgham in Staffordshire, to a woman in labour, and her midwife could not deliver her, though the child came in a naturall birth.

Head.
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I found the child alive, I speedily altered the posture of the birth, as shee kneeled on a bolster, I turned back the head, and I brought downe the feet. By them I soone delivered her of a living sonne; and the mother and child lived. I saw them both afterward in May 1656.

In the yeare 1650 I was desired by a worthy Gentleman to visit his wife. I found her a whimsicall, conceited woman.

Shee sent mee word, That shee had been foure dayes in labour. When I came to her, shee was sitting in a chair in her chamber. After some conference with her, I assured her, That shee was not in labour, and that, at the least, shee would go two dayes more.

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For the present, upon my words, shee was quieted. But, at the end of these two dayes, shee was passionated, and would force her body, without just cause, by violent strainings, to bee delivered. And all this work was occasioned by her schrimshaw midwife, a woman, that thought that shee knew all things, and understood very little in her calling.

Before my coming, this midwife had forced up her hand into her body, and shee assured this passionated woman, that shee felt the child, and that shee must forthwith bee delivered of it, to save her life.

I had much ado with this woman. I could not quiet her resolutions, shee would, perforce, make throws, and violently thrust them downe by holding her breath, and forcing her belly downward, Thus, through much straining, the womb was forced open, and part of the chorion descended.

I told her, That shee much wronged herself by her violent enforcements, and that, as yet, shee had not any signe of true labour on her, and that such ill doings might bee her ruine.

But shee, with her midwife, would have their wills, and would have my requests to bee overpowered. I intreated the midwife not to bee too hasty, and not to break the membranes containing the waters, and assured her, That, when shee forced not her body, that the membranes, containing the waters, was not to bee felt, and that shee might perceive it return up again into her body, so soon as her strivings ceased; and, for the present, shee had no true labour on her body.

But, between the woman's enforcements, and the midwife's ignorance, the waters issued. Then shee made great ado, and cried out, That shee should bee ruined, and die, if that forthwith I would not deliver her. I intreated her patience, assuring her, That it would bee much for her good, and easement, if that shee would bee pleased to take some rest, for a little while, before her delivery, to revive her spirits, and to renew her strength. But my intreaties, and perswasions made her much more impatient, and shee made great ado to bee delivered.

I was then necessitated to tell her, That, as shee was laid upon

her bed, that I could not come nigh to her body, and, as shee was placed, lying on her back, that it was impossible to deliver her.

Shee would then get up, and put her self to her knees.

After my usuall way, in the turning of the birth from head to feet, with some trouble, shee was delivered. Shee fainted, and was ill afterward. But God was merciful unto her, in that hee did not reward her according to her rash, passionated follies, and shee recovered.

Alice Smith of Darby, dwelling at Nun-Green, was disquieted by her ignorant, perverse midwife, for the space of ten dayes. After which time, being ill, and fainting, her neighbours laid her on her bed, supposing her to bee dying, whilst that some others of them came to my house for mee.

But I was abroad, yet I went unto her so soon as I came home, about eight a clock that night.

Shee desired to bee quiet, and hoped, That shee should sleep. So I returned to my house.

In the morning, afore eight, I was sent for. The women thought that shee had flouded. Some small issue of blood there had been, but, before my comming, it was staid.

After this, shee complained of a fulnes at her stomach. Her body was swel'd, so that shee could hardly breath. Her belly was also swel'd, and hard. The right side of her face was puffed up, and her eye as good as closed with swellings.

The inhabitants of our towne, being foule mouthed, and apt to censuring, and the midwives of no good disposition, ever thrusting their

The
Head.

ignorant carriages upon others, made mee unwilling to use the crochet, although, in my thoughts, the child was departed, and did somewhat smell.

The head came first, but I put it back, as shee kneeled. Being placed behind her, I delivered her by the child's feet. The after-birth did stick to the womb, but I separated it from the sides, and brought it whole away, shee felt little pain in her delivery, and had a few after-purgings. Her face, and stomach swel'd more and more.

Being laid in bed, I gave her two spoonfuls of oile of charity, which did much revive, and comfort her.

Shee complained of the coldnes of her feet, there were laid warme bricks, wrapt in cloths, unto them.

Yet, for all our helps, about some five, or six houres after, shee quietly departed, and her face presently corrupted.

The child might have been well drawn with the crochet, but that operation would not have prolonged her life. Shee was ancient, and the os coccygis broad pointed, and turned inward. Had it pleased God to have given her a longer time, it would have been ten to one, but that, at some time or other, by bearing of children, shee might have perished in this bed, through the ill conformation of her bones.

Vide	{	position conforma- tion framing common	}	of the bones
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And, to prove the truth of this last report, severall following reports will make manifest what hath been said.

Margery, the wife of William Barker, a painter in Darby, being severall dayes in labour, and, at the last, by her midwives left comfortles, without any hopes of delivery: By her, and her friends desires, my help, and assistance were requested.

Head.

I found a narrow passage, and the child had not at all descended, being hindered by the broad end of os coccygis, inverted, and not flexible, and the child too larg for so strait a passage, and the birth comming by the head.

Whereupon, I turned the birth from the head, unto the feet, and thus I quickly laid her of a dead child, and shee soon recovered November the fift 1666.

Shee conceived again. In her travaile, shee suffered much extremity; which moved the woman, with her midwife, and her friends, to send to my house, and to desire my help again. But I was out of the Town, some fourteen miles from Darby. They thought it a long way to send, and nobody came to mee for her, but deferred time, in hopes of my comming home; though they all knew, that shee greatly desired my help, and that I would have come, for that I had promised her my assistance, if need required.

After six days suffering shee died July twenty five die Ois. 1669 in my absence.

After my returning to my house, the midwife told mee, That the child never descended, or came within the bones, and that her body being narrow, shee knew not how to deliver her; and that it was past

her understanding; and these things I knew well enough; that the bones would not permit, but hinder the passage, and, by this report, the precedent is confirmed, and my words made true.

Head.

August the fourth 1668 Mrs Mary Harley of Walton in the wolds, being in labour, and having suffered three or foure dayes much affliction; her husband, with her desire, caused mee to bee sent for. The child came right, with the head pitched toward the bones. Shee had, severall times, strong forcing throwes, but they nothing availed. To move more strongly the expulsive faculty, I gave her severall doses of the midwife's powder, acuted with a larg quantity of Borax. But they nothing helped our desires, which made mee to suppose, That the child's head and body were too great for the passage. Shee was ancient, and I was greatly desirous to save the mother, with the child.

Therefore I thought it good to put back the child's head, and to deliver her by the child's feet, the which I did about twelve a clock that night. And each particular seemed to answer our proceedings with good successe, for the present time. All of us thought the child had been dead. But, holding the feet toward the fire, and with laying the after-birth on hot coales, and stroaking the navel-string toward the belly, the child revived, and was baptized the sunday after, and was named Mary.

The child's tender feet were blistered through the heat of the fire, and carelesnes of the women.

As for the good woman. Shee was very well for the space of an houre, after her delivery, and, for her preservation, shee gave God thanks, and for my care of her shee also thanked mee.

After this time shee fainted, and I was ignorant of the cause,

whether it might bee through some clottering of blood in the womb, or through the losse of blood, wee thought that shee would have presently died; for that shee had no pulse, little, or no breathing to bee perceived, her face altered with blackening, and shee was quite deprived of her senses.

But, through God's permission, with cordiall spirits, shee was again restored, and shee recovered her breathing, and the use of her senses, and took good rest all that night following.

Shee was subject to a scouring, the which I disliked. I gave her severall medicines to prevent it. But, above all, shee praised, and best liked the boiled milk with pepper. At her friends desire I stayed with her ten dayes. I would willingly have stayed longer, for that I feared her weaknes. But, perceiving that they were willing to let mee go, I took leave, and departed, after that I had left them some directions.

It was reported that shee was afflicted with convulsions toward the end of the moneth, and so died. And whether any loosnes, or what other infirmity might happen unto her, I know not. Her friends never more did send unto mee to acquaint mee with her condition.

Convul-
sions.

But the child is lively, and thriveth, and every day getteth strength.

Had I not drawn the child by the feet, the mother would not have been delivered. And, if that I still had deferred time, in hopes to have had a naturall birth, this child, born so weak, would have perished in the mother's womb, and the mother with it, and they would not have been separated.

I twice delivered one Goodwife Katherine Renshaw in Stafford.

At the last time blood clotted, and began to congeale in her body, about an houre after her delivery; through which shee was much pained, and began to faint.

I dipped my finger into oile, and put it up into her body, and there gently I moved my finger three, or foure times, and presently the clotters of blood issued forth in abundance from the womb. Without any more disquiets shee soone recovered.

Head.

Both these infants I turned from the head to the feet, to deliver the woman. The first child was still-borne, the second lived three, or foure yeares, and then died of the small pox.

Head.

I was sent for to come to one Goodwife Wilder, where I found midwives tormenting the woman. The child came by the head, and the midwives hoped, by haling, and stretching her body, to deliver her.

But when I perceived their tormenting, ignorant wayes, and found that the infant's head was great, and would not descend, I placed her, kneeling, on a bolster, and put her head down to a pillow, placed in a woman's lap, sitting afore her. I put back the head into the hollownes of the woman's body, and turned the birth unto the feet, and thus I quickly delivered her about June 1646 of a dead child, and shee was living, at Twyford in Darbyshire, severall yeares afterward.

A difficult
birth by
the head.

Mar. 1. 1670 I was desired to come to Tutbury in Stafford-shire by Thomas Key, to help to deliver his wife Katherine Key, with whom three midwives had been, and one of them, with much struggling, and haling, had greatly tormented this distressed woman.

This travailing woman assured mee afterward, That, had shee had strength, shee would have kicked this midwife into the fire, for that

shee did nothing else, but pull, and stretch her body with all violence, to enlarg the passages, not caring, if that shee had torn her body to do it.

The child's head was too great to slide through these narrow passages, and the shoulders larg.

After the child had somewhat entered the bones, some (if not all of them) took hold on the skin of the head, the which was made raw and red by their pullings, and the cuticula with the haire, was flayed from the skin. They also endeavoured to separate the sutures of the head, and had, in part, done it. The skin of the head was pulled from the skull, and was swelled much bigger than a man's fist; and part of the child's braines was squeezed through the sutures into this tumour. So the head was lessened through the woman's endeavours to bee laid, and the midwife's enforcements. But the skin was thick, and tough, and did hold without tearing, or breaking.

I made a ligature upon this swel'd tumour; and, with difficulty, I drew forth the head, but it stuck at the shoulders, and, although I had the help of drawing by the head, wrapt in a linen cloth, yet it would not stir by my strength in drawing, untill I put a fillet with a slip-knot about the child's neck, and intreated a woman to help to draw by it. Through her assistance, with my endeavours, the female infant was drawn forth from her body.

Shee had been five dayes in extremity. The infant was, in some parts, flayed, and did somewhat smell. Shee had a loosnes within three dayes after, but it was not violent, and it did not disquiet her body, but staid of it self, and shee recovered. I went to see her July the 10 1671.

Elia-
nor
Hurt.

Nota, when a child hath lien long in the body dead, the skin will flay off, and the body of it will putrefie, and smell.

Head.

I was at Colton in Staffordshire, about the yeare 1655, and was there desired to help a poor woman, that had lien severall dayes in extremity, and the birth was by the head. But, finding her weak, and, in probability, not likely to live many houres, I entreated all the women to pardon mee, and my endeavours, for that I perceived, that shee had too long suffered, and would not live. But the woman in labour, with her neighbours, and relations, greatly desired, and intreated my help. For life or death, shee resigned herself to God's will, and determination.

I put up my hand anointed into her body, I turned the birth, and presently drew away the child by the feet. It was dead, and grievously smelt, and was flayed and swel'd, being great in body. In her body internally shee was very cold.

According to my prediction, within few houres after her delivery, and my departure, shee died. And all the sweet herbs, with bran, and warm water, that I washed, and rubbed my hands with, did not remove from them the stinking smell of this child's infected body for severall dayes afterward. Shee was Robert Middleton's wife.

Over-
grown
chil-
dren.

And, seeing some women bee in great danger of death, having overgrown children in the womb, the passages being incapable of farther dilatation, which happeneth, when the child in all his body is too great for the passage, chiefly in the head, and shoulders, and yet, in part, hath entered the bones, and that the child hath lien long in the womb, dry, and deprived of all humidity, so that there is no hope left to turn the birth unto the feet; In this sad case it is the safest way to draw the child with the crochet, after that it is dead, rather then to put back the head to fetch the feet.

The hand, in this sad condition, will bee very grievous for the woman to suffer, oft producing evill accidents. And this operation will prove difficult to bee performed, when that the woman hath long suffered, and that the body is left dry, after that all the humours, moistening the womb, have flowed.

The crochet is of most excellent use, to extract the dead child, when it is locked between the os pubis, and coccygis, and cannot bee displaced, or pushed upward, to turn, and so to draw it forth by the feet, without hurting the mother, or endangering her life, through bruises.

It is also convenient to take forth a child's head, that is pulled off, and so left in the womb.

It should bee about 10 or 11 inches long, of a reasonable circuit in the head of it, that it may take hold; and not too sharp pointed, but rather somewhat bluntish.

And, for feare, in your working, you should not certainly know where the point of your instrument bendeth, let there bee a broad nick, or notch, or some other mark in the handle of your instrument; right against the point of it, and it will direct you where the point resteth, and which way it turneth. Without such a mark you cannot, alwayes, well find the point of your instrument.

I know not a better instrument, than the crochet, to help a woman in extremity, when shee is overwearied, and that her strength, with all other meanes, doth faile, and the woman's body very narrow, or strait, or swel'd by violent enforcements, and the child dead.

But, if it bee not used with great care, and judgment, it may

My cousin Hammond's daughter.

prove destructive, by ill fixing, as well as by tearing, and losing the hold, as also by hasty, and rash drawing, and so wound the woman.

A Gentlewoman, and one nearly related to mee, was delivered by a man midwife, whilst that I dwelt at London. Hee caused a sheet to bee held over him, that her body, and his hands might bee covered, for that nobody should see his rash follies, and a bason to bee set nigh to her body afore him. His instrument, as hee worked, did overslip his hand, and was heard to fall into the bason, and, in probability, the woman's body was wounded by his instrument, through his ill using of it.

If this narration was truly related to mee, by those women, that were present at her delivery, his work was carried on with much unhandsonenes, and accompanied with great ignorance.

Shee soon after rotted in the womb, from whence noisome vapors, and ill sented fluxes issued; and so this poor soul, within a few dayes after, miserably finished her life.

Mercy Haywood.

I was sent for to Colton about the yeare 1654 to help a poor woman (Mercy Haywood) that had lien long in labour. The child was too great for the passage. I deferred the operation very long. And, when nothing prevailed to awaken the throwes, or to drive forth the child, (perceiving at the last, the child to bee dead) I drew it with the crochet, and brought it away indifferent easily. Shee afterward recovered her health, and strength, and I saw her well in the yeare 1667, as also 167 $\frac{1}{2}$ in Jan 26.

Mrs. Curson.

At Brelsford about the yeare 1634 I layd a Gentlewoman, that had lien severall dayes in labour. The child came by the head, and did stink. I quickly drew it with the crochet. Shee soon recovered her weaknes, and, afterward, had severall children.

I was sent for to Scrapton in Darbyshire by Mrs Agard, Mr John Agard's wife, and desired to come to deliver a baker's wife, that was formerly her servant. I was not willing to bee too hasty with her. But, when neither medicines, or a warm bed, or other wayes would not prevaile, I used the crochet, and I was not long in delivering her of a dead child. This was done about the yeare 1646.

There was a poor woman, wife to an under-cook, servant to Sr Henry Willughby at Risly. Shee travailed of a great child. The birth came by the head. My help was desired. I put her off a long time, fearing the child might bee alive. But it was dead. Shee began to rave, and was somewhat distracted, and to discolour in her face. The child was entered within the bones, and could not conveniently bee turned back. Therefore I was forced to draw it with the crochet, and shee recovered. But, afterward, for the present, shee could not hold her water, untill a yeare, or more, had passed over, and had strengthened, and settled her weak body.

Aug: Anno 1668 the twelfth day, Jane Potter, the wife of Adam Potter of Duffield, having been in labour for severall dayes, was desirous of my help. Her body had been much struggled with by severall midwives. The child was corrupted, and did unsavourilly smell. Therefore I would not offer to disquiet her with more strivings, to turne the child from the head to the feet, but drew it leasurely with the crochet; and, in the drawing, moisture issued out of her fundament. I never knew, or observed the like in any woman afore. After that shee was delivered, shee was at ease for two dayes. Then a loosnes seized on her body, and of it shee died in the week following.

When the infant shall hasten to the birth with one hand appearing, the midwife shall, in no case, receive him, but put back the arme

speedily, and bring his head downward, to a naturall birth. And if, in case the midwife cannot do it, and is ignorant how to alter the birth by bringing it to the head, or rather to the feet, then I could wish they would follow the counsell, to bring the woman again to her bed, and there to place her with her face upward, and her head bending backward, her middle part lying higher then the rest of her body, which being done, the midwife shall bind down her belly toward the midriffe in a reasonable manner, that so shee may drive, and force the infant into the womb, and may minister occasion, that hee proceed forth in another forme.

I wish the midwife to make choice of a good rouser, somewhat broad, and to begin her rousing as low as shee can toward the botom of her belly, drawing the labouring woman's belly upward with the rouser, somewhat strait, toward her hips, or lower parts, but not too hard, and, afterward, to rouse more easily, by degrees, toward the navel.

After this, let the labouring woman move, and rouse herself to, and fro, in, or upon her bed, having her head much lower than her hips, having her thighes, and belly higher then the rest of her body, untill such time, that the infant shall bee perceived to bee returned up again, and shall appear altered in an apt, or convenient forme, or way for delivery.

And some assisting woman may do her good service to stroke upward her belly to help to remove the child, and so to reinforce him again into the womb. But I never have used this way.

But when an arme commeth alone, do not endeavour to reduce it, by putting it up, but slide up your anointed hand into the woman's body, over the child's arme, and gently force up your hand. If it bring

Arme.

you to the back, the same will feele hard. Do not take your hand forth of the woman's body, but turn it round toward the child's belly, where you shall find the child's feet. Draw by the feet, as directed, the arme will reduce itself, as the body turneth round. Thus you may soone deliver any woman by the child's feet.

If that you find that the child's arme will not move to reduce itself, and that the child's body will not easily bee turned round, then conceive that the child's shoulder is locked in the neck of the womb, between the bones.

To help this let, or hinderance, take the child's arme, and, holding it in your hand, thrust it upward into her body, yet without violence, and it will remove this let, and then the child, without any farther trouble, will soone turne, and so bee born by the easy drawing of the feet.

Without kneeling on a bolster a child cannot well bee turned.

Thus all other births, as belly, back, buttocks, with the knees, may bee reduced to the feet.

It will bee much better, and more for the midwives credits, to make use of the way of roulng, rather then to pull the infant by the arme, or to cut it off. For, so doing, the infant is alwayes destroyed, and very oft the mother with it.

But, if the arme will not remove, and return again, by the woman's moving, or roulng herself to and fro on the bed, yet do not offer, in that posture, to deliver her, nor to draw the infant by the arme.

But rather in a bending posture, descending, deliver the woman kneeling on a bolster. And the midwife being placed behind her, let

her not endeavour to reduce the arme, but rather, by degrees, leasurely to slide up her anointed hand over the child's arme, and gently to force it upward. This way will bring her hand to the infant's feet, or to the twist of the legs, so shee may easily obtain a foot, the which shee may bring down, holding it between her forefinger, and middle finger, in her hand griped, with her thumb laid over her fingers. After that shee hath brought it forth, let her hold it in a soft linen cloth, or put a fillet, with a slip knot, over the heele, whilst that shee fetcheth the other foot (if easy to bee found) or, if the woman's body bee not very narrow, let her draw gently by the foot, untill the child is drawn nigh to the buttocks. Then shee may see where the other foot resteth, which, without any striving, with her bended finger, placed in the hip of the child, by easy drawing, shee may bring it forth.

Let the midwife joine the feet together, and, holding them in a soft, linen cloth, let her draw leasurely, and the child's body will turne round, and the arme will go up with the shoulder, reducing itself, beyond belief, or the expectation of many midwives.

Afterward, when it is drawn to the loines, or to the breast, observe whether the child's face bee turned toward the back of the woman. If it bee not, turn it, holding the body, between your hands, in a soft, linen cloth, that the face of the child may bee toward the back of the woman.

The child will turn easily, without any danger to it, not at all troubling, or hurting the woman.

Then let the midwife draw again gently, and leasurely, untill it come nigh unto the neck, then let her slide up her anointed hand, between os coccygis (which is the rump bone, so called by midwives) and

and the child's face. Then putting her middle finger a little way into the child's mouth, and placing her other fingers over the child's face, and pressing down the child's chin into the pit of the child's throat, and causing an assistant woman, at that time, to lay a flat hand upon the mother's belly, over against the child's head, and some part of the hand above the head, willing her to thrust off the head gently, and by degrees, that it rest not, to make any stay on os pubis (which midwives call the share-bone) and, at that instant of this pressure, let the midwife, or some other body, gently, and leasurely draw by the hips, or feet, and the child will quickly, and without all danger, bee born. Thus doing, shee needs not to feare the breaking of the child's neck, or the endangering of the pulling off the head from the child's shoulders.

Therefore to reduce the arme is needles, and, besides, it causeth much trouble, and it helpeth nothing toward the delivery. It hath oft much disquieted, and afflicted the woman with great paines, and needles tortures, as you may observe hereafter by severall births, that I have laid. I have known, through midwives violence, the armes of children broken, whilst that they endeavoured to reduce them, and, with their rashnes, they have destroyed the children, and greatly endangered the woman's life.

Cleare Pearson, the wife of Richard, dwelling at Tenant bridg in Darby anno 1650, or about that time, tooke for her midwife Goodwife Spencer. The child's arme came down. Shee could not reduce it, shee having long time, suffered much haling, and pulling by the child's arme, and the midwife, not knowing how to help her, by all the women, at the last, my assistance was desired.

I found the arme swel'd, discoloured, and mortified. I placed her kneeling on a hard bolster, and put her head down, in a descending

Do what
you please
if that you
find these
words
oft re-
peated.

Arme.

posture, to a pillow, that was laid on a woman's lap, sitting afore her. I gently slid up my anointed hand into her body. I quickly found the child's foot, and, by the feet, I gently drew the child; the body of the child turned round, the arme slid up of itself. I kept the child's face toward the back of the woman. I put my middle finger into the child's mouth, and placed my other fingers over the child's face, then I drew again leasurely by the feet. So the child was soon born, and the after-birth was quickly fetched, and shee safely delivered, and laid in her bed. And all this was done in lesser time then half a quarter of an houre, as severall women, yet living, can testifie this to bee true, and so performed. And, in a short space, shee recovered.

About a yeare, or two, after this time, this woman had the same birth again, and had the help of 3 midwives, and each one of them used much violence. In her sufferings, shee intreated, and desired them to lay her the same way, as Mr. Willughby had done. Shee told her midwives, that hee did not hurt her. But they concluded, That it must bee drawn by force from her. Some held the woman, whilst that others violently pulled the child from her by the arme, and thus shee was tortured by them to bee delivered. I was sent for to Stafford, and came to her some foure houres after her delivery, and found the woman much spent, and weake, and deprived of the use of her lower limbes. Shee presently smelt very unsavourily. Shee rotted in the womb, and, within two dayes after, died, through their unhandsome doings.

Usually, for the most part, when the arme commeth down, ignorant midwives destroy the child, by violent drawing by the arme, in hopes, speedily to deliver the woman by their great strength, by drawing by the child's arme, to put it out of the mother's body. At last, their endeavours proving bad, not with their consent, or desires, but through

the perswasions of their friends, I have been sent for, to help severall women in their extremities.

In February Anno 1664, Mary Barton, the wife of Simon, living at Chelliston, some three miles from Darby, had her child comming by the arme. After some sufferings, her husband came for mee, whilst that the child was alive. But the midwife would bee working, and, with her pulling by the child's arme, shee had destroyed the infant, before I could come unto the house.

Arme.

I drew down the feet; the arme, without any enforcement, reduced it self, through the circular motion of the child's body turning round. The woman recovered, and shee hath oft thanked mee for being instrumentall for the saving of her life.

I do not think it amisse here, in this place, to insert verba Antonii Everardi, M. D.

Referam, hoc casu, quid beatæ meæ conjugis accideret. Tertio fœtu gravidam, nono prægnationis mense, labores parturientium arripunt circa noctem. Mox ruptâ aquâ (ut, hîc, mulieres loqui amant) extra genitale infantuli manus propendit. Ubi obstetrix advenisset, uxorem meam in sedili collocavit, eamq̃ ad continuos conatus (me nolente nec instigante naturâ) adegit. Cum vero res eo modo non succederet, meamq̃ conjugem supra sedem continuo detineret, ac diris cruciatibus illapsam ex uteri cervice manum, brachiumq̃ retrudere in uterum niteretur, quo fœtum ad exitum commodius disponderet, Ego, præ dolore charæ meæ conjugis impatiens, ac indesinenter obstetricem admonens, ne quidem elapsi membri reductionem in uterum cogitaret possibilem, multo minus moliretur; secundam obstetricem accersiri jussi, præsertim cum uxor mihi nunciaret, quid obstetrix eam dilaceraret per illam præconceptam,

ac miseram elapsi membri repulsionem. Cum insequenti die mane obstetrix altera venisset, illa manus ad opus applicans, remq̃ diligenter explorans, uxorem meam in lectum deposuit, mandavitq̃, ut quietam se detineret, nullosq̃ conatus excitaret, nisi quando natura eam sui admoneret officii. Interim obstetrix illa prudens, et expertissima prædixit mihi, amicisq̃ præsentibus, uxorem meam non ante parturam, quam fœtus in utero ex indebito situ, irritisq̃ conatibus strangularetur, quod eventus docuit. Multiplicati sunt labores parturientis, et fœtus, inflexo ad dorsam capite, (salvâ matre) prodiit in lucem.

I suppose that this learned Gentleman had not much judgment in the practice of midwifery, when that hee did write his wife's sorrowfull case, with her great sufferings, and her midwife's ignorant doings.

Had the first midwife, so soon as shee came, reduced the arme before shee brought her to her stoole, shee might have had the better successe, yet it proved her to bee the better midwife, for that shee endeavoured to reduce it, although shee failed in the performing of it, knowing, That the child could not bee born in that unnaturall posture.

For the second midwife, shee was onely to bee commended for that shee took her from sitting on the stoole, and putting her to bed. For her predictions, they were ridiculous. Shee might have said, That the mother, through this labour, might as well have perished, as the child; or that the child would bee first strangled, before it would bee borne.

But God was mercifull unto this labouring woman in her distresse, and it is not to bee doubted, but that the posture of the unnaturall birth was altered as shee lay in the warm bed, and moved, and turned herself from side to side in the same. And I am confident, That

neither the Doctor, or either of the midwives did, or could receive the child in this posture, having the head turned backward, and lying on the child's back, and thus shee to bee delivered.

But this good Dr. giving too much credence to this last prating, ignorant midwife, and to her vain predictions, by her words was deluded. Otherwise hee would not have published what no woman, though little verst in midwifery, can imagine to bee true.

Isabel Dakins, of Burrowes Ash nigh Darby, was delivered by mee of a dead child Nov. last die Ois 1664 about six a clock at night.

The arme came down. I did not put up the arme, but delivered her quickly by the feet of the child. The arme went up, of itself, without any forcing, and shee soon recovered, and is living.

In the yeare 1633 I was intreated to come to one Goodwife Osborn of Ockesbruck, whose child's arme had beene in the world foure dayes, from Thursday till Sunday at night, and the child was not dead, nor the arme corrupted. I found with her two midwives, whom I much commend, for that they had not pulled the child by the arme, nor had offered any violence to the mother, or the child.

I saw that the arme was not swel'd, and that it was ruddy, and of a good lively colour. I put my finger into the child's hand, and the child did gripe it.

I asked the midwives what they thought of this child, whether it was alive, or dead. They said, That the child was as dead as a doore naile, and that I might do what I would with it. I shewed them their great mistake, and said, That a dead child could not hold one by the finger, and shewed them the child's hand holding my finger.

An arm
reduced.

I placed the woman kneeling, I quickly reduced the arme. After this a sudden throw seized on her, and tumbled out, in an instant, both infant, and after-burden together.

This narration I thought good to mention, to shew the force of nature, how quickly shee performed her work, after that the obstacle was removed; and that the child's arme, in foure dayes, did not corrupt. Her son, and shee were living in the yeare 1660. I saw this man, her son, again in 1668.

And I beleeeve, that, if midwives would forbear (as these two midwives did) all violent struglings, and pulling of children by their armes, in this unnaturall birth of the comming first by the arme, and that they would bee patient, and stay untill better help could be attained, that many infants would bee borne alive, which, by their rash, impatient hastines, bee destroyed in the mother's womb.

And, from this child, I beleeeve, in part, but not absolutely, that, if a dead child bee found holding anything in the hand, that the mother, or somebody else, is not quite free from the death of the child. But I will not absolutely conclude the mother to bee guilty of the murder of the infant.

Alice, the wife of Ralph Doxy, was delivered by mee of a dead child. The arme came first, and it was mortified by the midwives pullings. I slid up my hand, and, upon the child's belly I found the knees. I fetched down the feet, and quickly laid her at Snelton, Apr. 27 die Ois 1662.

Grace Edinser, the wife of William Edinser of Elton in Darbyshire, had the same birth, and, after the same manner, I quickly delivered her by the child's feet, May 24 circa meridiem 1662.

I travailed all night in May 1631 and came to Nottingham by sun-rising to one Mrs. Reason. With her I found two midwives, and severall other women of good credit, and repute, all expecting my comming, and desiring my help. I found Mrs. Reason weake, and, through her long sufferings, her countenance began to chang, and I perceived her nose half way palish. The birth came by the arme, the which the midwives endeavoured to reduce, but failed in the performance, and the child was dead by their operations.

I thought it not good with new strivings to disquiet her body, by turning the birth to the feet, but rather to take the arme off close to the shoulder, and, afterward, to draw forth the body of the dead child with the crochet, following the counsell, and directions of Pareus.

All these operations were quickly performed, and the after-birth was soon obtained. So she was laid into her bed. Thus shee was eased of her tortures, after her delivery. I gave her an infusion of tin in white wine, which was made in a quart pewter pot, having the lid put down, and so the pot was kept warm by the fire, of which shee took every morning, and night, a wine glasse full.

This medicine kept her body in a gentle, breathing sweat, and shee was much refreshed by it. By degrees shee recovered her health, with strength. Yet, for some time, the neck of her bladder was so in-feebled, that shee could not hold her water, but, as strength increased, this infirmity left her, and shee lived in good health, above 30 yeares after her sufferings.

Mercatus doth not approve of the cruelty in cutting living children in several pieces to deliver women.

Verum inquit licet hæc omnia prodesse non videantur; ad

Place this
with unnatu-
rall births.

Arme

crudele illud, et inhumanum chirurgiæ opus, quo vivus dissecatur puer (dictu profecto horrendum) confugiendum nunquam est, etiam si, ex Avic. Aetij, et Moschionis consilio, fieri posse constet: quod non liceat christiano virum interficere, vitæ alterius gratiâ. Præterquam quod multi citra omnem expectationem salvantur.

Sed, imploratâ Domini nostri Jesu Christi misericordiâ, iterum ad tutiora fœtui, et matri auxilia redeundum esse arbitror; et iterum tentanda quæ antea diximus, vel alia denuo experiunda.

R corticum cassiæ fistulæ ʒiij bulliant in vino albo tenui ad medietatem; Cujus cyathum unum cum jure cicerum et ʒj cinam. porriges. Prodest et singulis horis absorbere croci gr. x. cum modico vino albo. Suffumigium item exungulâ muli. Conferunt quoq. pilulæ, quæ recipiunt cinam. cas. lign. cumin. aristoloch. myrr. costi āā ʒiiij styra. rubiæ āā ʒij Sabin. ʒijss opii gr. viij. Fiant pil. cujus quantitas sit ʒs. Sic præstat non parum illud medicamentum, quod recipit sabin. ʒiij rutæ ʒij cicut. ʒj hysso. Cinam. rub. tinctor. āā ʒiij. Fiant pil. quarum porrigere poteris ʒj aut ʒs cum decocto sabinæ.

Valet etiam suffumigium ex stercore vaccæ, et pessarium quod recipit myrr. hellebor. nigri, opippanacis, fellis tauri āā partes æquales. Terantur, et fiant pessaria longiuscula.

Interim, tum in uterum, ut consulit Avicen. lubricantia, et cerotaria subtilia, et mucilagines infundes. et adipēs liquefactos, et albumen ovi, et vitellum ejus.

Utimur etiam sequenti clysmate, per syringam aut cannam infuso. R lactis vaccæ ʒiiij pinguedinis porcinae ʒs muceaginis lini et radicis althææ āā ʒiij M. Quibus factis, tentet iterum diligens obstetrix, aut peritus chirurgus, dexteritate et vi illatâ, puerum evellere, nitens, et omni

arte studens puerum extrahere vivum, licet sit cum periculo aliquo deformitatis, vel quod manens supersit, imbecillus, aut utcunq. læsus, Cavens diligenter, ne voluntarie ipsum interficiat. Nam, si malum aliquod illi, hâc ratione, succereseat, levius est.

Interim autem vires parturientis omni arte reficere oportet, et pueri umbilicum non resecare, donec vel mingat, vel pleret, aut aliquo modo ex labore partus reficiatur, quod Hippocrates docuerat lib. de superfætatione.

Si forte contigerit matrem in partu periclitari, fætu intus vivo superstite, quod ex motibus, et subsaltationibus infantis conjicies, tum demum, posthabitâ matris, cura ejus tantum habenda est. Principio igitur convenit morientis os, et genitalia patentia adservare; ut per ea vitalem spiritum, et anhelitum recipere possit
. et sectione uteri sic nati Cæsares dicuntur.

I never used this harsh and cruell way. Yet ignorant men have used it with happy successe. But to some it hath proved unfortunate. It is a work not difficult to performe. It hath been performed by ignorant men, and the women have recovered. But I prefer the work don by the hand, by turning the birth from the head to the feet. And in my thoughts it is much safer then the Cæsarean section or crochet.

I have seen two men. For the delivery of them the midwives used their fingers instead of other instruments. One of them had his eye put forth. The other not only lost his eye, but his cheek on one side torne, yet they both lived to man's estate.

Vide the schemes, and take that, which serveth best; for the Cæsarean Section, I do not like it.

By the mother's weakness and too much slimy moisture, abiding in the mouth of the womb, a child may be so enfeebled, that neither the mother, or the child have power, through nature's force, to helpe themselves. So nature becommeth sluggish, and ceaseth to drive forth the child; and this overabounding with humidity is, usually, found destructive both to the mother and the child.

I have observed, that much moisture lying about the passages of the womb, doth much enfeeble the mother's expulsive faculty. It maketh the child sluggish, and the mother weake, and both their spirits drowned with humidity.

So also too much drines, when all the waters have issued before the birth, the child will not descend, because of the siccity, but abideth, as it were, imprisoned, and locked up in the womb.

In these two cases, with your hand first endeavour to see what help may be afforded, if that the mother's weaknes will permit.

But if you cannot prevaile by the hand, and medicines no way help, necessity, as the last refuge, will compell you to use the crochet, in hopes, to save the mother's life.

Tender consciences have consulted with Divines, in these extremities, what is most fitting to bee done, to save the mother's life. The more judicious and mercifull hearted have willed to reliev the mother, and I shall consent to their judgments.

The more ignorant, and merciles men would not yield to help either the mother, or child.

In this sad doubt, and grievous operation, both mother and child will perish, unles the mother bee relieved by the crochet, or the child by the Caesarean Dissection.

Dr. Harvey saith, there are chiefly two sorts of unnaturall births, namely, when the foetus is either born before, or after the time allotted by nature (and this is a kind of abortive birth) and the birth proves difficult and painfull, because it doth not succeed in that manner, and order as it ought to do. Or else it is hindered by some bad symptoms, which commeth to passe, chiefly for two reasons.

1. Namely, that the mother doth faile in her expulsive office.

2. Or else, that the foetus is himself but sluggish, and so doth not promote his owne release.

For a facile and naturall delivery relieth upon the endeavour, and joint furtherance of both parties.

Now, when the poor, afflicted, labouring woman hath made use of the utmost of her strength, and endeavours, to produce a birth, and that her life lyeth bleeding, with tortures, and pangs of labours no way helping her, and that, in her sorrowfull miseries, shee intreateth to bee helped, and to save her life; who can bee so unnaturall to deny her request! when that by other wayes shee cannot bee helped.

I was, by my good friend Dr. John Fisher, intreated to visit a gentlewoman in labour. The birth-place was very moist, and filled with a *bloodyish* moisture. Shee had no throws. The expulsive faculty was extinct. The child was sluggish, and weake, no way helping his own release, yet her paines continued; and medicines prevailed nothing to procure her delivery. Yet I believed, by some signes, that the child might bee living. Therefore I deferred the time, and put her off for a day, and a night, in reference to the delivery. In the ensuing morning, I found that shee had suffered a restles night, and that her spirits were

Mrs.
Dutton.

dejected, and shee much troubled for my delaying, and shee told her husband, that shee could not, much longer, continue with these extremities, without some speedy help; which moved her husband to bee troubled, and offended with my delays, saying that his wife would bee lost, if that shee longer suffered. But I told him, that I thought that the child was living, and that I was unwilling to have my hands tinctured with blood.

Her husband sent for the minister. Hee, speaking with the woman, and seing her weaknes, the minister did move mee to draw the child, and assured mee, although the child was living, that I might lawfully do it in such an extremity; and by her husband's intreaties, with the desires of her, and her friends, and the minister's persuasions, I was overruled, and did draw away a weake living infant. The minister was at hand to baptize this weake child, which was as good as dying before it was extracted.

After the extraction, the moist issue of bloodyish humours ceased, and her paines abated, and shee recovered.

I stayed a day, and a night longer, after her delivery, and each thing succeeded well for her amendment.

And, upon after considerations, I was better satisfied; that, had not this way been taken forthwith, that the mother, with a little longer delaying, would have perished, as well as the child.

The birth came naturally by the head, but the humidity in the birth-place was great, and her weaknes greater. I feared to turn the child, and to bring the birth by the feet, least that shee should have perished, through the operation, under my hands.

When the child is great, and all the waters have issued, a hard and difficult labour usually followeth.

Anne Houghton of Darby, having been long in labour of a dead child, that was, for greatnes, a little gyant, desired my help. And *although I knew that the child was dead*, yet I was desirous to hear what a grave Divine would say in a doubtfull case, and, in my proceedings, to have his approbation. This Divine thought it much better to let the child perish, then to lose the mother's life with the child. Upon his words I did draw away the dead child with the crochet, and shee hath had severall children since, and shee was there living in health Anno 1669.

A.
With difficult
births.

Good wife Anne Barnet of Church Mayfield in Stafford-shire, Anno 1663 had suffered much through a corrupted, dead child, for severall dayes.

B.

I had delivered her of a dead child, two yeares afore this time. I thought that I could have laid her again by the feet, but, through the drines of the womb, the child would not move, and one of the legs separated at the knee, in the drawing by the child's foot. Seing this, I used the crochet to draw forth the head. Afterwards with much struggling, I brought forth the rest of the body. The child was great, and swel'd. It was rotten, and smelt unsavourily; upon the after-birth, nigh to the navel-string, was a gangrene, with blisters. Yet this woman recovered, and did well, and had a child since Anno 1668 and shee was living in Anno 1669.

This woman putteth mee in mind of another woman, that did well, at Spoonedon. Shee had the use of her limbs, from the navel downward, taken away, before I came unto her. Shee was sensible, and

rationall. I was unwilling to have laid her, for that shee was very weake ; assuring the women, that shee could not live many houres. Yet, at the woman's intreaty, together with the perswasions of her neighbours, shee was placed kneeling on the side of a bed, and was supported by the women, holding their hands under her belly. Without any forcing the child came of itself, and the body of it was full of great gangren'd blisters. The woman, about an hour after, waxed sleepy. Not longer after shee departed, having her body corrupted with the child's rottenness. I had sweet herbs, with warm water to wash my hands. But the ill savour did not suddenly leave my hands. This was done about the yeare 1638.

c.

Elleanor Ragge of Darby anno 1664 having had a long, and tedious labour, was left undelivered by her midwife. Shee sent for mee ; no medicines prevailed. The waters were all issued, and the womb was left drie, and the child was dead. With much trouble I brought forth the head by the use of the crochet. It stuck very hard at the shoulders, and much at the breast.

I was wearied, and spent with fainting, through much endeavouring, and striving to draw forth the rest of the body. For sometime I was enforced to leave the work, to recover again my strength. The work came on very slowly, by little and little, and difficultly, until it came past the navell. I beleeve that I was an houre, or more, in striving to get the body forth. Shee patiently suffered all the time.

At last God permitted her a gracious help, and freed her of her sufferings. Contrary to my expectation, shee recovered, shee was long weak, and, from her bladder, during the extremity of her weaknes, came severall little soft stones, infolded, and wrapt in slime, and skins. Shee hath had another child since still-born. The os coccygis of her body is very broad. inverted inward, no way flexible, and this causes her

hard deliveries., and, I beleave, that shee never will bring forth a mature child, living, at the full time of birth.

Mrs. Middleton of Wandsly had suffered severall dayes great paines in labour, and was somewhat distracted with her sufferings.

D.

Shee was a little woman, and her child was too great for the passage. I hoped that I could have drawn the child by the feet, but her body was narrow, and the womb was filled with the child, lying in a round lump. All the waters were issued, and her body was left drie; so that I could not turn the child, after that I had obtained a foot in my hand, but was compelled to desist, and, at that time, to leave the work.

This did put her to some paine, so that shee would have had her husband to have sent mee away. But, with good words, I regained again her favour, promising that I would hurt her no more.

That day I placed her againe kneeling, and finding that the child was dead, knowing that I could not alter the birth, I used the crotchet, by which the skull was much broken in pieces, yet it would not come easily. It did also stick greatly at the shoulders and at the breast.

I was necessitated to intreat the assisting women, to turn the lips of her body over the child's limbs, by putting their fingers between her's, and the child's body, whilst that I drew the child with my hand, and instrument.

This force was continued untill the child was drawn past the navell. Afterward, the rest of the body, with the afterbirth, was easily procured. So shee was laid in her bed.

Shee was, sometimes, very sensible; and then shee would fling

off all the cloths, and lie naked, if not carefully attended. Shee lived some five dayes, after her delivery ; and, being dead, shee voided much moisture by the mouth.

I was in the house with a good lady, that was long in labour. In her extremity, I was called, by the midwife, unto her, and desired to feel how the birth came. I found the skull divided, one halfe thereof was born, but the other part was not come forth. I instructed the midwife how, quickly, to deliver her of this dead birth. And afore, or, since that time, I never did see such a separation in the skull of any infant's head.

This lady, for severall years, had an implacable enemy adhering to her body, (a troublesome loosenes) that took advantage of her weaknes in her child-bed, and through this loosenes, this good lady ended her dayes. In this place put Catherine Davis.

Difficulty of birth may also bee caused through ill position of the bones, which hath beene observed in such, as have beene crooked in their bodies. As also in others, which have weake backs, and loynes, going wadling in their childhood. As also in others, which have had the infirmity, called the Rickets ; and in such, as have been compelled to weare iron bodies, to keep them from being crooked.

Through these meanes, their tender bones, in their minorities, have been so altered, and pressed together, and with time confirmed, that, losing, in part thus their circular roundness O have become O ovall, through which the child will never bee produced, but by violent force of hand, or by some instrument. Medicines, here can do no good. If it come by the head, the woman will not bee delivered without the use of the crochet.

If the birth should bee turned to the feet, yet it would prove difficult to save the child's life.

Also, some women have the os coccygis so fixt, that it will not go back at all, to give any enlargement to the departing infant. This causeth a difficult birth, chiefly, when it is broad at the end, and turned somewhat inward.

I knew a woman of low stature crooked, and not well framed in the position of her bones. It was her sorrowfull mishap alwayes to have her children drawn away from her body by a chirurgion, that used to lay women. They all died in the womb, or, at most, lived but a short time after the extraction.

Mrs. James,
A.

March the 23. 1660 I was called to a young woman, who had beene three dayes in labour, and the midwives knew not how to deliver her. They said, That the navel-string had been two dayes in the world. It was cold, and had no pulsation in it, and the child's head came first.

Mrs. Charles
B.

I attended patiently on her, and on her friends desires, and was not willing hastily, or rashly to proceed. But when no medicines, nor the midwives endeavours prevailed not with her, then her husband (being a minister, with her own mother, and others of her friends) desired mee to make use of any way to save her life, though it were with instruments.

After my usuall way, she kneeled on a bolster, I endeavoured to remove the child, and to return it again into the woman's body, in hopes, that, afterward, I might draw it forth by the feet. But, through the ill position of the bones, and greatnes of the child, squeezed in a lump together, I could not move it, or get my hand to the upper part of the head.

Shee was of a low stature, and the birth-place narrow, and, in those places, ill framed.

Being fully satisfied that the child was dead, I drew forth the head with the instrument, with some trouble. And, afterward (not easily) the rest of the body, and then immediately I fetched the afterbirth.

Being laid in her bed, I gave her some oile of charity, and left her some oile of sweet almonds, to take sometimes, and Balsamum Hystericum to anoint the bruised places, which freed her of her after-paines, and sufferings.

This woman, in her infancy, was afflicted with the rickets, which made her go waddling, and cringing in her back, and loines; the os coccygis, and pubis were too nigh, one to the other, ovally formed, and the point of os coccygis was broad, and bending inward, which hindered the descent of the child, and kept it from entering through the bones.

At the end of three weekes, a loosnes did weaken her. In my absence, my wife sent her these directions, which proved succesfull.

Shee first willed her to take a clyster of boiled milk with sugar. Afterward, to take, every half houre, a spoonful of julep, made of cinnamon water three ounces, and diascordium three drachmes. To make her rice aleberies, and to see the rice in all her broths, and meats, and to take a thimblefull of the powder of acornes with their husks powdered together, at lest, thrice a day, with these things shee was recovered, and cured.

May the fourth 1661 I gave her a visit, and found her walking in her house, well recovered, cheerfull, and hearty. Shee much commended the clyster. Shee said that the midwives did all afflict her, chiefly

one of them, and that I troubled her not at all, in respect to their usage.

I prayed God to send her better succes, if that shee should have more children, and so taking my leave, departed.

About two yeares after, shee had another child, and was again tormented by midwives. In her sufferings I was sent for, and, finding that the child had not entered through any part of the bones, I turned the birth, and drew it away by the feet, but the child was dead. Shee being ill, and weak, her old enemy, (a loosenes) did the second time assault her body, and brought her to her last end.

I was called into Cheshire to a good woman in December 1650. Shee had been much afflicted with the rickets in her child-hood. Shee had severall children drawn from her body by the chirurgions at London, yet shee escaped, with much hazard of her life. Shee told me, That all her children were very lively at the beginning of her travaile, but they were all dead before they could be born. Her words I found true. For, in her travaile, when the waters flowed, the child was lively, and did suck my finger; but, through the ill position of the bones, the child could not descend. Being desirous to save the child's life, I turned the child in the womb. Although I have known severall children born with more trouble, and greater extremity, and live; yet this child was dead before shee was delivered. And shee herself lived but a very short time after her delivery.

c.

All the time of her going with child, she was heartless, and dejected, and conceited, That she should die in the child bed of this child. And for that cause fitted herself afore hand for her departure, by the receiving the holy Communion.

Mrs. Alestry,
D. †

January the 12 Anno 1669 I was intreated, and, at that time, engaged by a worthy, good, loving Gentleman, to bee ready to attend his good wife, and to assist her and her midwife (if need required) in the time of her travaile, with the best, and utmost of my endeavours.

January the thirtieth, travail came upon her, about eleven o'clock in the night, and so continued with throwes, and paines all that night, and the next day, without any descent of the child. The paines continued all the time in her back onely.

At night January the 31 I was sent for, and, upon discourse with her, and the midwife, I conceived that the labor would be difficult, and full of danger, and I was much more afraid after that (with her consent) I had felt her body. I perceived that shee had undergone great strivings, and the lips of her body were swel'd, and the child far off, and the passages very narrow, ovably formed, and the bones not far distant the one from the other.

Whereupon I intreated her to take a gentle clyster, to dilate the wayes, and to supple her body, and to mitigate her paines, willing her to keep it all night, and to endeavour to sleep, and I stayed all that night in the house with her.

The next morning Feb. 1, I caused a Doctor of Physick to be sent for, and the Divines were intreated their prayers, to desire God Alsufficient, that, with his compassion, hee would be pleased to relieve her sufferings, with much mercy.

I concealed nothing from the Doctor, either of Physick, or of my operations. I told him of my feares, and her great dangers. I desired his assistance. Whereupon wee concluded to appoint with externall

applications, to dilate the passages, and also internall medicines, to promote labour. But, through the ill position of her body, these wayes nothing at all availing, I was earnestly intreated by the Doctor, from her husband, with severall others of her relations, to use the operation of the hand, to try, if possible, the birth might bee forced. Whereupon I did attempt it.

The birth was comming by the head. I endeavoured to turn the birth, and would willingly have laid her by the infant's feet, but could not possibly effect it, for that I could not slide up any part of my hand into her body, and there was not room to force the head backwards.

Our intention, and operations failing, I was earnestly moved againe to make use of instruments, to trie, if, by them, shee might bee delivered.

I was much unwilling to use these wayes, for I feared, by reason of the narrow passage of her body, that I could not do it. But, by her husband, and friends, and the Doctor, with severall women, I was much perswaded, and intreated, by them all, to draw the child with instruments, and shee was willing to submit, in hopes to be delivered.

But, through the narrow passage of her body, I could not get up my hand over any part of the head, to fix the instrument, nor, in any other part of it, to make a breach.

Her body was so strait, and narrow, that I could not put up my fingers half an inch on the side of the child's head; and the bones of the infant's skull (so far as I could difficultly passe) were so hard, that, for want of roome to turn my hand, I could not enforce the instrument to take hold in any part of the child's head, whereby I might draw it forth, with the rest of the body. I, diverse times, altered the instrument, but all would not do any good.

So I was necessitated to desist, without any hopes of delivery, not knowing which way to relieve her, and shee died.

Nigh forty five yeares I have practiced in the midwife's bed, and, in it, I humbly thank God for his assistance, and help, I ever delivered all women, to whom I was called, this worthy good gentlewoman onely excepted.

And my not delivering her was occasioned by the straitness of the passages, and the unusuall ill conformation of the bones near adjoining to the womb, with the hardnes of the child's skull. For her back bone was much inverted, and stood so pressed inward together with the os coccygis, that no room was left for the infant to passe through by the strength, and endeavour of nature, nor to admit of handy operation, for turning the child, or fixing an instrument. And, through these irremoveable obstacles, this virtuous, good woman perished. Of whom I can say no more, but that shee so lived, that no body had cause to speak any evil of her.

She had been afflicted, in her infancy, with the rickets. Shee had very great, swel'd ancle-bones, she went wadling, and her left leg was shorter then the other, and the middle of her back was much inverted, from the hips to the shoulders. Shee was of a very low, and of a little small stature.

Sometimes women, after long travailing, and no hopes of delivery left, being weake, and wearied with paine, not finding any comfort by medicine, or the midwife, at last have desired help by the extraction of the child by the crochet, the which they have chearfully, and well endured. Yet, not long after the fetching of the after-burden, they have

died; perhaps some, through flouding; others, through weaknes, or thinnes of blood, or putrefaction in the womb.

Verba Nicolai Fontani.

Quædam mulier, cùm sex diebus laborâsset, cùmq, ab auxiliis adhibitis, levamen nullum inveniret, intrepido animo extractionem, ad vitam servandam, adhiberi voluit, quod, in re tam arduâ, non negavêre medici. Quòd, vero, mortua sit, ad secundarum extractionem referendum puto. Cum enim, ab obstetrice erant extractæ, secuta est hæmorrhagia resolutis viribus animam efflavit.

Dubitabis utrùm hoc opus tentandum sit in muliere debili. Zacutus Lusitanus inquit, Inhumanum est, et medico Hippocratico indignum, corpus et si moribundum, citra remedia relinquere, cùm multi, citra spem, mirabiliter sanentur.

This very case happened to a woman, that was a Ladie's daughter, after six dayes labour.

Her Doctors said, That shee was scorbuticall, and hydropicall, and certified mee, That, in her travaile, shee had avoided abundance of water from the womb, and that shee had bled much at the nose, and that the blood was very thin. All which I took for evil symptomes. And, although she was very easily delivered by the crochet, and was chearfull afterwards, nevertheless, after the fetching of the after-burden, it is supposed, that shee lost blood, and, not long after, died.

And, although this flouding was not violent, nor very much (of which no notice was given to mee by the midwife, or other women) yet this unexpected accident did much afflict mee, being the first, and last, that happened under my hands August the 17, 1667.

Fontanus yet saith, Quòd hæc mortua fuerit, diuinæ providentiæ ascribendum. And so, I believe, that this misfortune might happen.

For I might have been with her on Wedensday at night, whilst yet shee had strength of spirit, and body, if that her messenger had performed his duty, in comming to mee not far from my house. For he came to Darby Wedensday, early in the morning, and, seeing that I was not at home, without any delay, hee returned to his master.

The next day a second careles messenger was sent forth, with a letter, to mee. He also came to my house at Darby, but, finding mee not at home, on friday, as hee returned, hee met the first messenger, who took the letter, and came to mee on friday at night. And, at his request, I travailed all that night, and was sorely afflicted with that journey; and I was very weak by it. It was Saturday, about ten, or eleven of the clock, before I came to the house.

The child was great, and much swel'd, and the body of it had a stinking cadaverous sent with it; and the skin was much flayed off, in larg great flakes, in severall places of the body. And I beleeve, That the mother's body was corrupted through the great putrefaction of the child.

All Auctors affirme, That the after-birth is a thing contrary to nature, after that the child hath left the womb, which must bee taken away, and sent forth.

For the quick (which is the womb) will thrust forth the dead (which is the after-birth) or else the dead will kill the quick.

I have known severall evil accidents, which have followed the re-

taining of the after-birth, as, floudings, sicknesses, and faintings, and, sometimes, death.

A Husbandman's wife at Littleore, nigh Darby, was much disquieted with the midwife, whilst that shee searched to find the after-birth. It was not found, but remained in her body. Shee grew a little unruly, and altered in her complexion, which turned blackish. And, although it came away, of itself, three, or foure dayes after her delivery, yet shee died, about the yeare, 1636.

Cotchet's
Wife,
A.

Thus died a good woman K. G. The after-birth could not bee found, it remained three, or foure dayes in her body before it came away. Her understanding decayed, and her countenance much altered before her death. 1642.

Gilbert
B.

I was desired by Mr. of Lockington 1654 to visit his wife, that was delivered of a son, but the midwife could not produce the after-birth; they hoped, that it would come away of it self. Shee was delivered three, or foure dayes before my comming. The same day, that I came, an Honourable Lady had sent her the Countesse of Kent's powder, the which shee took, and it helped her, and had driven forth the after-burden before my comming.

I found her altered in her understanding, and her hands coldish; I wrapped them in warm napkins, shee would let them lie a little while in the napkins, and then, forgetting her self, shee would put them forth. Shee knew not well what she did. Her pulse was weak, and slow in motion. My opinion was, That shee would hardly live untill the next morning. Shee died about two of the clock the same night, through the putrefaction, that the secondine had caused in her body.

There bee some midwives, that will not fetch the after-burden, but

leave the expulsion of it to nature, and their women have don well, and they recovered their former health.

There bee other, that, by their too much searching, and endeavouring to get it, do much mischief in their women's bodies. I like not either of their wayes. Let the after-burden (if conveniently it may) bee produced by the midwife. Of midwives, if any of them deserve praise, let them have it, that doth not struggle too much to fetch the after-birth.

Dr Harvey's learned observations about the birth ought to bee esteemed, for their worth, and goodnes. The oft reading of them, with a due observing of his method, will bee sufficient to make a midwife to understand her calling.

Hee sheweth, in the first place, what to observe, and how to deliver a woman, labouring in a naturall birth.

And, in difficult births, and abortive births, and where the foetus is dead, hee maketh mention how to perform the work by the child's feet. In his workes, hee wisheth midwives, not to bee too busy at the first approaching of labour, by striving to hasten, or promote a sudden, or quick birth; but willeth them, patiently to wait on nature, to observe her wayes, and not to disquiet her, for that it is the sole, and onely work of nature. And this also was the opinion of that worthy, and learned Gentleman, Dr. Georg Ent, since Knighted.

My assistance was desired by Mrs. Wolaston in Threed-needle street in London, Anno 1657. Shee was a watchmaker's wife by the Old Exchang. From this woman's body a child was pulled by the midwife. When the midwife perceived that I was sent for, she resolved to hasten her work. Shee caused severall women perforce to hold her by

the middle, whilst that shee, with others, pulled the child by the limbs one way, and the women, her body, the other way. Thus, at the last, the child, by violence, was drawn from her, and made at the separation (as shee told me) a report, as though a pistoll had been discharged.

A little while, after this tugging, and struggling usage, I came, and found this woman faint, and weak, but through God's mercy, with cordials shee was restored. Her midwife's enforcements had made such deep remembrances in her senses, that she resolved to forsake her; at which time shee pitched her affections on me, making a request unto me, if that shee should have any more children, that I would be pleased to deliver her.

I desired her to spare mee, and rather to engage my daughter, the which thing shee was contented to do, so that, in her extremity, I would not be far from her.

Being with child afterward, and my daughter with her, when the time of her delivery was come, and that the waters issued, a sharp throw accompanied the birth, and the child speedily followed the waters.

Then she began to griev, and complain (not imagining that the child was born) and to say, now I shall fall into my old paines, and sufferings, and perceive, that it will be no better with mee. My daughter, smiling, asked her what shee meant, and whether shee had two children, for one was born. She scarcely beleaved it, untill that shee heard the child to cry. The after-birth being fetched, and shee laid in her bed, shee took my daughter by the hand, and said to her, Surely you have art in these fingers, otherwise, so quickly, and happily I should not have been delivered.

I know none, but Dr Harvey's directions, and method, the which I

wish all midwives to observe, and follow, and oft to read over, and over again ; and, in so doing, they will better observe, understand, and remember the sayings, and doings of that most worthy, good, and learned Dr, whose memory ought to bee had for ever in great esteem with midwives, and child-bearing women.

Of Unnaturall Births.

All births, comming by the back, belly, buttock, sides, or knees, or with head, and neck distorted ; and all unnaturall births whatsoever, with all difficult births, bee ever the best, easiest, and safest laid by the feet of the infant. It is impossible to lay any unnatural birth by the infant's head.

Back.

I was desired by my friend J. T. of Osmaston, near Ashburn, to come unto his house, and to deliver a woman, that sojourned with him. I found several midwives with this woman. The birth of the child came by the back, and by the back they hoped to pull it away doubled. They much tormented the woman, and tired themselves with fruitles labours. With some trouble I turned the birth, and brought it away by the feet, and shee recovered. Anno 1647.

In my first practice, when necessity enforced me to turn the child, comming in an unnaturall birth, I followed Pareus his directions. But since I have found out one more pleasing to my desires, and I permit all midwives to follow which way they best like.

Arme.

I was sent for to Lockington in Leicester-shire in Anno 1660, eight miles from Darby, to come to a young Gentlewoman, labouring of her first child. The arme came first out. I placed her kneeling on a bolster, and put her head down to a pillow, placed in a woman's lap, sitting afore

her on a truckle-bed; and, having my hand anointed with Balsamum Hystericum, and kneeling behind her, I gently slid up my hand into her body, (*not offering to reduce the arm*) I presently found a foot, and drew it down, holding it between my forefingers. I put a soft fillet, with a sliding noose, over the heel, above the ankle, holding it very gently. I put up my hand againe along the child's thigh, which brought mee to the other foot, over which also I put a fillet.

Then, raising the woman's head a little up, I drew, by the fillets, both legs together, and took, and held them in a soft linen cloth. And, when I had leasurely drawn the child past the buttocks, by the feet, I then raised the woman somewhat higher. And then, holding the child in a soft, linen cloth betweene my hands, I turned the child's face to the back of the woman. After this, I drew the child to the shoulders. Then I slid up some part of my hand toward the back of the woman, and put my middle finger, a little way, into the child's mouth, and placed my other two fingers on each side of the child's nose, and caused an assisting woman, with a flat hand, to make a gentle pressure on the child's head, and to put it off from os pubis, that is, the share-bone. Whilest that shee made this pressure, I drew leasurely by the child's feet. And thus, through God's great mercy, and permittance, I quickly delivered her without having throwes. Immediately, after the child was born, I fetched the after-birth. And, thanks bee given to the Almighty, both mother, and child (her daughter) were living in the yeare 1669.

I was sent for the second time again by the said Gentlewoman, March the 18 1667. Shee was full of paine, and shee had lost much blood. Her bed, and linens about her were very wet with the same.

The midwife told mee, That shee had felt a foot. I did wonder at her sayings, for that the womb seemed not to bee open, and it was very

full, after the usuall situation. But, putting my hand more upward towards her back, I found Fabricius Hildanus words true, that the womb doth not alwayes keep one certain site.

For the mouth of the womb *was inverted*, and was turned upwards, somewhat towards the back, where I found the foot.

Foot.

As shee kneeled, I took the foot between my forefingers, and held it in my griped hand. Afterwards, I laid my thumb, bended, over my fingers. By this way I held firmly the foot.

I durst not make a rumbling with my hand in her body, for that, at that time, shee was apt to floud. I used no band, to fasten about the heel, neither did I think it necessary to slide up again my hand by the child's thigh, to seek for the other foot, for that I hoped, with lesse trouble to the woman, better to perform the work, with gentle drawing by the foot onely.

I drew the child gently, and leasurely by this foot, untill I brought it to the twist of the body. Then I found the other foot lying upon the belly of the child, the which I brought down without struggling, and, by the feet, I laid her, after the way set forth in the precedent birth.

After that the after-birth was fetched away, shee did floud no more. And all things proceeded well with her, as usually they do with other women.

This daughter was born weak, and was afterward baptized, and named Matilda; the other daughter was named Anna.

The Father and Mother, with the rest of their children, with these two daughters, were living, and in health August 23. Anno 1669.

Thus have I set forth Pareus his way by ribbands. I have also shewed midwives my way, by the child's foot ; which I hold more facile and easy, and quicker to bee performed. And I pray God to direct midwives to chuse the best, and easiest wayes, to help afflicted women in travaile, and to save sweet, harmles infants lives.

I have drawn several children by one foot, untill I could perceive where the other foot rested ; and I never found that the drawing gently by the foot did hurt the child in the delivery, or cause afterwards any deformity or lamenes in the child so born.

Some learned men, in their treatises concerning the delivery of women, have concluded, that the best way, in all unnatural and difficult births, is to reduce the birth to the head.

But, as yet, I cannot bee of their opinions. I must beg their pardons, for not pinning my belief upon their writings. Yet I will not bee stubborn, in adhering unto my owne practice. I shall leave myself and sayings to the judicious practicers in midwifery, to bee censured as it shall please them, for that I have spoken, and written experimentally, *de facto*, as it was performed by mee in the travailing woman's chamber, and not upon imagined thoughts, or phantasies of others, writing what they never performed.

And, although these writings be not adorned, and beautified with learned, and rhetoricall expressions, but bee homely, and plainly set forth, for the understanding of the simple capacities, to direct country midwives, yet I dare assure them, that they will hold water, and be sufficient to put by all reproaches, that ignorance would cloud them with, the which shall be made manifest by examples.

I humbly pray, and desire all practicers in midwifery, that know better wayes, to bee pleased to set forth, not so much their supposed

Not to turn
the birth to
the head

thoughts, as their experimented directions of wayes, de facto, to God's glory, and their countrey's good, for the better easing of women in their sufferings, and extremities, and for the saving of poor children's lives, giving no cause why they should bee destroyed in their mother's wombs by ignorant practice.

Let it bee granted, and consented by all, without any contradiction, that midwives could reduce all unnaturall births to the head (the which I imagine they can never performe) yet their experience will then shew them,

That every child, comming by the head, must have sharp, expulsive throwes, and some convenient time to bring it forth; the which they shall not need as it commeth by the feet.

When you put up the arme, and place it by the child's side, your hand is nigh to the child's feet, and you may bring them down easily, without torture.

The putting up of the arme is oft fruitles (as midwives have done) it nothing farthereth the birth, for that it hath oft returned again, and hath been more grievous to the woman, then to deliver her by the feet.

By the feet a woman may safely, and easily bee delivered. And, in severall women, where the child's head hath been too great, I have turned the head back, and have produced the birth by the feet, of which way I have given you severall examples.

By the feet of the child a woman may be delivered, although shee have no labour, or throwes. But, when it commeth by the head, shee will not be delivered without great strivings, and sharp throwes; and where the head and body bee too great, shee will not bee delivered, nor

the child saved, unles the birth bee turned from the head to the feet, and afterward to bee, by the feet, produced.

Grace Beechcraft, the wife of Joseph, in St. Peter's parish in Darby, being in labour severall dayes, and having suffered much sorrow, desired my help.

The child came with the head first, but it was great. Her midwife, with herself, desired my assistance, for that shee could not deliver her.

For her condition Divines were consulted, and in their opinions they were divided. Severall women frowned upon some of these Divines, and, upon the women's dislikes, they turned their coats, and changed their opinions.

I would not use the crochet, for feare the child should bee alive, but turned away the head, and brought it forth by the feet, after the way afore mentioned. The child was dead, but the woman's life was saved, and shee recovered very well after this delivery.

Few yeares after shee conceived again, whilst that I lived at London, and, at this time, in her labour, the arme came first forth. The midwife endeavoured, without any good successe, to put it up again. Afterward, three midwives came to consult, and to shew their skill, and each of them tormented the poor woman. One of them set her on her head, and, afterwards, rowed much in her body. After much torturing, at last, it was concluded by them, that it must be pulled from her. Some women held this woman by force about the middle, whilst that the midwife took hold of the arme, and so, with forcible, and violent strength, the child was pulled forth of her body. The arme, by their

Great head.

An arm.

halings, was half pulled off, as I was certified by a good woman, that was there present.

Shee lived, after this harsh usage, a week, and then died of a loosenes.

Shee was buried Sept. 24, 1657. Might not this woman have been better laid the second time by the feet? and so the child and mother might have lived. Two of these midwives did formerly see mee lay these births by the feet. But midwives will follow their own wayes, and will have their own wills.

Mrs. Oke-
over.
Knees.

Once in Darby, and never afore, or since, I was called to a gentlewoman, whose child came by the knees.

This child was very great in head, breast, and body. The midwife had drawn it to the navell before my comming, and farther shee could not possibly get it. I was then sent for, with some trouble I brought it to the neck, where it stuck hard; yet, at last, she was delivered of it.

Through the greatnes of the child, and the straitnes of her body, all the skin of the hinder part of the head was stripped off from the skull, and lay upon the forehead of the child, when it was born. After that I had well viewed the greatnes of the head, I found that the bones thereof were firm and hard, and the sutures of the skull of the head were much closed. I thought it then wonderfull that the head did abide on the shoulders, and that it was not separated from the body, as it was drawn from her body by the feet.

After my usuall way, with my finger in the child's mouth, my

work was finished, and shee recovered, Oct. 28, 1665. Here place Catherine Davis.

I was called to Elianor Fletcher, Feb. the ninth, 166 $\frac{7}{8}$, dwelling in St. Michael's parish in Darby. Shee travailed of a daughter, that came by the feet, and her midwife had drawn it to the neck, where it stuck, and shee had struggled above three hours to get it forth.

After that the child was dead, and that with much struggling, the neck was broken by the midwife, shee feared that the woman would die under her hands, and then shee intreated that I might bee sent for. At my comming, finding the child dead, and the neck of it broken, I put my finger into the child's mouth, and willed the midwife to draw by the feet, whilst that I guided the head, in hopes to bring it forth. Also I placed her in various postures to facilitate the birth. But, through the greatnes of the head, I could do no good. For feare the head should bee separated from the body, I was compelled to use the crochet, fixing it on the upper part of the head. By it, and by the child's feet, with much ado, the head was obtained full of water, a great part thereof was shed in the extraction of it.

I opened the head afterward, and I found much water in the ventricles, as also flowing under Dura mater. This watery tumour is called, hydrocephalos. I have seen it (after birth) in severall children. Their heads bee great, they always lie on their backs. If they bend forward, they be in danger to bee stifled, and usually, they live but few yeares.

After that this woman was laid in bed, the midwife said that shee flouded. I steeped hogs dung male, and strained it forth without pres-

A great
head, full of
water.

sure, and put some sugar and nutmeg to it, and gave it her to drink, and the flux was stopt.

After her delivery, shee oft fainted, but still was recovered by spirting aqua vitæ up into her nostrils. Shee was desirous of much drink. I gave her afterward, the white, and yolk of an egge mixed in a caudle, with nutmeg and sugar. Shee complained of great pain in her back, but was freed of it by laying to it Emplastrum Saponis. Ever as shee stirred, shee fainted. Therefore I kept her quiet in her cloths all the first night, not shifting her untill the next day.

This woman, after the birth of her first child, had the meazels, within three or foure dayes after her delivery.

After the birth of her second child, shee oft fainted, and was sick, but, with giving her cordials, shee seemed to do well.

Whortle or
Billberries.

Some three dayes after her delivery, there appeared small arisings like *hurtle*s, all over her body, some as big as ordinary pins heads, others as great as fitches, the biggest of them were full of white bearing. Upon cold taking shee would bee ill, but, wrapping her warme, and putting her into gentle breathing sweats, shee recovered her faintings.

Her husband kept an alehouse, and having but few roomes to entertain his guests, her chamber was made a place to receive them.

Shee seemed to recover, and, by all, shee was thought to bee past danger of death, being chearful, and comfortable, for a night and a day. And, when danger was lest thought of, the ensuing night being disquieted with drinking companions, as also being full of these risings, not like the small pox, or the meazels, shee died.

I cannot imagine what way these two latter births could have been turned from the feet to the head, and I believe that it would have proved an impossible thing to deliver them afterward by the head, without the crochet, or some such instrument.

I have seen the same hurtles, little swellings in men. I never knew any that recovered, that had them, but they all died, as well men as women.

The birth by the buttocks.

Some women have their children coming to the birth by the buttocks, and the child, as it were, sitting in the womb, with the legs lying on the belly stretched upwards.

But-
tocks.

In this posture the child may be born, but not always easily.

To reduce it to a better birth, let the midwife cause the travailing woman to kneele on a bolster, and, having put her head down into a woman's lap, sitting afore her, let the midwife come behind her, and, sliding up her annointed hand into her body, remove with the flat of her hand, the child's buttocks, pressing them upwards, into the hollownes of her body; and, afterwards, to search for the feet, which shee may easily find, and so draw forth the infant by the feet, *as hath formerly been directed.* Thus the child will easily bee born, and the woman soon delivered.

But where the midwife can have convenient space of place, to put up her hand without much struggling or pain to the mother, there shee needeth not to put back the child. Without any trouble shee may find the child's feet lying on the belly of the child, or stretched upwards. And, although this birth hath proved successful to some women, yet, through ignorant midwives, it has happened fatall to others, and the woman, with the child, hath perished.

A birth, thus comming of itself by the buttocks, requireth a larg, and spacious passage, and, if the child bee small, and little, the woman will bee the sooner, and more easier delivered.

A

One Mrs. Staynes, a chirurgion's wife, in Darby, was delivered of a child, in such a posture, in the yeare 1630, the child comming double, sitting with his buttocks in the womb. Shee did very well after her delivery, and her child lived.

Mrs.
Sneap.
B

An Inne-keeper's wife in Stafford, desired my daughter's assistance for her delivery. Her labour was quick. The child followed the flowing of the waters, sitting in the birth with the buttocks. The birth was so speedy, that it would afford no time to turn the child. The mother, with the child, lived, and did very well after this birth.

But one swallow, or two doth not make a summer.

Tab's
wife.
C

I shewed this birth of the buttocks, having the arms stretched over the head, to a midwife in Darby, 1632. I taught her how to alter this posture, and, in doing it, shee had drawn down the armes. Then I was again necessitated to help the midwife. Shee was quickly delivered of a lusty, spritefull child, by the feet.

This child (a daughter) did thrive, and became great in half a yeare. The nurse did suckle it at foure a clock in the morning. But having made her head heavy, by taking her cups of Darby ale largely, and late at night, shee overlaid the child, and it was found dead under her by six that morning.

Isa-
bel
Carter.
D

In the yeare 1646 this midwife was called to one Isabel Carter, whose child came by the buttocks, but shee had forgotten what I shewed her, with all the directions.

After twelve houres suffering under two midwives, this woman's friends perswaded her to send for mee, to assist, and help her, and her midwives.

After I had seen the birth, I asked the midwife, if that, formerly, I had not shewed her this birth, and the way how to help it. At last shee remembered it, and the birth of the child afore named.

The child's cods were pressed forth, and did hang out of the woman's body above an inch and a half, very flamp and black, and the doubled body was fixed in the birth.

The woman in distres desired mee to help her. After placing her kneeling on a bolster, I put her in a bending posture descending. I removed the child upwards into the hollownes of her body. I fetched the feet down, and, through God's great mercy, and permission, I quickly delivered the woman of a living child, by the feet. This woman, and her husband, with their son, were living in Darby, 1660, and hee is a handsome young youth, yet living in Anno 1670. The blacknes and bruisinges of the cods were cured with oile of egges.

At Sutton Cofield, in Warwickshire, I delivered a woman. The birth came by the buttocks. Her midwife, with others, had made foule, and harsh work about the child's breech, by tearing the child's cods, and in laying the stones bare, and with the woman, by tearing her body deeply into the fundament.

The child was great, and the skin flayed off in severall places of the body. It smelt unsavourily. It was brought away with my hand, by the feet, about May, 1651. I saw her again, and talked with her severall times after this her harsh usage, and delivery.

E

Dr. Harvy saith, That the water is the cause of the delivery of the fœtus, which is dead, and putrefied in the womb. In that, by its corruption and acrimony, it doth extimulate the uterus to relieve it self.

But, if the waters have all flowed, and the womb be left long dry, the labour will prove difficult, without the help of the hand, to fetch the feet, or the use of the crochet to draw forth the head.

Celsus saith, Quod melius sit anceps remedium experiri, quam nullum, cum multi citra spem mirabiliter sanentur.

I never felt a more carrion stink then this child's body had, and yet the womb was not infected with the putrefaction of the child, and shee recovered.

ff

January 14, Anno 1646, I was desired by a good Lady, to come to Sudbury, to help John Plimer's wife, that was in extremity of labour, and her midwife knew not how to deliver her, and was ignorant in what posture the child offered it self. The child came by the breech, but her midwife was ignorant of it, and took the breech for the head, and with her halings, and struglings, after the issuing of her waters, the womb became drie, and the child was very hardly removed again into her body.

I placed her kneeling, with some trouble, I put back the buttocks, and brought down the feet. And, having the assistance of some women, gently to pull by the feet, whilst I guided the head, I delivered her.

Immediately after that, the after-birth was fetched. Without any help shee did arise, and went from that place, no woman offering to hold her, and went up a pair of staires into her chamber, and so to bed in a cold roome, where was no fire. Shee made no signe of her sufferings.

Through God's permission shee soone recovered. But some moneths after, there happened to this woman an impostumation on her navel, which, afterwards, suppurated, and, after the breaking, did run much. The women of that town would have it, that this corruption came from her bowels, and that her guts were rotten, and that they would come forth at her navel. But this infirmity shee also recovered, and lived several years after. Pareus saith, That impostumes in the navel bee dangerous, and that severall perish by them.

July the seventeenth, Anno 1668, Anne Bonsall of Dunnington, in Leicestershire, had an ignorant torturing midwife. Shee came to her at foure a clock in the morning. All, or most part of that day shee kept this travailing woman kneeling, or sitting on a woman's lap, ever pulling and bruising her body, oft thrusting up her hand into the woman's body, and her fingers into the child's fundament.

I had formerly rebuked this midwife for her ignorant doings, and for her unadvised cruelties. Shee was a peevish, conceited, ignorant midwife, and did not care for my company. Yet I was sent for, and came to this afflicted woman about eight a clock at night. I found this labouring woman kneeling, and her midwife working; and, for that shee had beene much afflicted, and was weake, and her body swel'd, and torn, and discoloured by her haling, and pulling, to dilate the parts, I caused her to bee laid on her bed, to give her some intermitting ease, for that the birth seemed to bee far off. I gave her spiritus Antidoti specificæ a spoon full. But such had beene her torturing sufferings, that it did not refresh her, yet it caused the child to descend.

The next morning after that, I placed her kneeling. I put up my finger, and it passed very easily into a hollow place of the child's body, and I knew not what to think of it.

G

But, after a while, I perceived that it was the child's fundament, Then I slid up my hand, and quickly delivered the woman by the child's feet, observing my usual way of turning the child's face to the back of the woman, &c.

Afterwards, when I had put the woman into a warm bed, I then viewed the body of the female infant, and I perceived that this midwife had oft thrust her finger into the child's fundament, and, with it bended shee hoped that shee might have drawn the body forth.

The child's fundament was much bruised, discoloured, and dilated, and, by her ignorant practice, the child was deprived of life.

This woman, through her bruises, swellings, and lacerations in those parts, fell into a loosness. Some foure or five dayes after shee died. And her ignorant, torturing midwife lived not many moneths afterward.

Oft midwives bee much mistaken, supposing the buttocks to bee the child's head.

But, if they would consider, that the buttocks feele soft, and have no haire, and that the head is hard, and round in figure, and hath haire on it; then they might, with more understanding, better know how to help their suffering women, distressed in this ill posture, by the child's feet.

In Staffordshire, nigh to Newcastle, Anno 1656 my daughter quickly laid this birth, according to the foresaid way, by the feet, where, otherwise, three old midwives had let the woman perish, taking the buttocks for the head.

They knew not how to help her, untill shee shewed them the way of delivery of this birth, by the child's feet.

Shee laid a barber's wife in Stafford of such a birth, after the same way. Shee, and her child bee living.

Shee laid the same birth of the buttocks by the feet in Shoe lane, at London, where an ancient midwife knew not how to do it. I was sent for to this woman, and, finding the birth to come by the buttocks, I sent for my daughter, and willed her to go to the woman, and to give mee an account of the birth, sitting all the while with Mrs. Joanna Mullins.

She came from the travailing woman to us, and said, that the birth came by the buttocks, the which the old midwife took for the head. Before Mrs. Mullins the wife of old Mr. Edward Mullins, the chirurgion, I asked her, what hopes shee had of laying this woman. Shee answered, that shee doubted not, but that, through God's assistance, shee could quickly deliver her. So with the former old midwife's permission, the work was soon performed by the feet.

In Middlesex anno 1658 my daughter, with my assistance, delivered Sir Tenebs Evanks Lady of a living daughter.

All the morning my daughter was much troubled, and told mee, That shee feared that the birth would come by the buttocks, and that shee foresaw the same by the falling down of her belly.

About seven a clock that night labour approached. At my daughter's request, unknown to the Lady, I crept into the chamber upon my hands and knees, and returned, and it was not perceived by the Lady. My daughter followed mee, and I, being deceived, through

I

K

L

hast to go away, said that it was the head, but shee affirmed the contrary, however, if it should prove the buttocks, that shee knew how to deliver her.

Her husband's greatness, and oliverian power, with some rash expressions, that hee uttered, flowing too unhandsomely from his mouth, dismayed my daughter. Shee could not be quieted, untill I crept privately again the second time into the chamber, and then I found her words true.

I willed her to bring down a foot, the which shee soon did. But being much disquieted with feare of ensuing danger, shee prayed mee to carry on the rest of the work.

The Lady was safely laid of a living daughter by the feet. The child cried strongly, and loudly, and was spriteful, and very lively.

Had this birth come by the head, I beleev, that it would have proved difficult, and more troublesome to the Lady, not without some disgracefull reflection upon mee, and my daughter.

For the child's head, with the breast, was great. It would have slid very difficultly through the bones, and so the midwife could not have helped more, then by annointing the body, and with patience, waiting, and expecting, when that nature's force, with the throwes, would have driven forth the child.

But, when the birth commeth by the feet, the woman may bee laid without throwes, as hath formerly been said, and shewed by severall examples.

For six dayes this child was not suffered to suck, and, in the meane time, was unfittingly nourished. The seventh day (and not

afore) a nurse endeavoured to give it the breast, but the child had forgotten how to suck, and then it began to bee sick. The eight day the red gumme appeared, and, for want of better care, died about the tenth day.

I will never think otherwise, but that, in this Knight's thoughts, as well as in his actions, and wayes, errours, defects, and mistakes might apparently bee seen.

It is not impossible to find, in London, or Westminster, honest women, and healthfull nurses, free from unhandsome diseases. Had the child had such a nurse, that, in due time, might have given it the breast, I beleeve that the child might long have lived. For there was no probable signe indicating the child's death, or any weaknes perceived in it, untill the two last dayes.

When I moved him earnestly to get a nurse, hee replied, and said, That hee scorned, that his child should suck any pocky nurse in, or about London. Hee well knew many unworthy women in that, and other places. And was hee free of the Lues venerea when hee died?

Hee loved variety of places, and severall pastures. Hee reported in Darby (to disgrace me) that I would not come near to help his wife, before that hee had given mee an hundred pieces. Hee was never so worthy, as to give, or offer mee the worth of a peny. And, if ever it bee found out, what his true name was, and where hee lived, and died, let this postscript affirme, That hee would not let mee see his wife after her delivery. And, although I came severall times, yet hee did not afford mee so much civility as to offer mee a cup of ale, or beer, or that ever hee did give mee the worth of a brasse farthing for my oft visiting her afore her delivery; or for my being with her in her labour, and helping of her; or for my severall visits after her delivery.

Knees.

The birth by the knees.

Mrs. Jane Molineux, the wife of Rutland Molineux, Esq., dwelling in Nottingham-shire, at Woodcoats, came to Darby, and requested that I would be pleased to deliver her, and shee hoped, through God's mercy, by my assistance, to have a live child born into the world. I received her into my house, where shee told mee of her sorrowfull sufferings, and losses.

That first shee had an abortion, a yeare after shee conceived again, and, going out her full time, and falling into travaile, the child's knees came first. Her midwife would bring down the armes, that were over the child's head, and did break an arme in the drawing of it. Afterward shee suffered the womb to close about the child's neck. So the child continued hanging by the neck in the womb, and sprauling with the feet, till it was dead. And, although a Dr. of Physick was with her, and held her all the time of her travaile by the hand, yet the infant's life was not saved.

Thus, at severall times, and in severall births by the knees, through severall midwives, shee lost also the second, and the third, and, afterward, the fourth child, all hanged by the neck of the womb, and so died in the birth, not one of them being born alive ; all of them being goodly children, and comming at their full time of birth by the knees.

Shee continued foure weeks, and odde dayes, in my house, before shee travailed. During which time, every morning, and evening, shee annointed herself before a warm fire, with Balsamum Hystericum. And for three weeks together, I gave her, every morning, a spoonfull, or two of oile of sweet almonds, in three spoonefulls of posset drink, in which pelitary of the wall was steeped, to drink.

February the fourteenth, shee suffered some grumbling paines. The day following (February the fifteenth, being shrove-munday) pangs of labour came on her. And, although shee had a naturall stoole before her travaile, yet I gave her a clyster of some six ounces of posset drink, boiled with seeds, with which was mixed an ounce of venice turpentine, first washed with plantane water, and dissolved with the yolk of an egge, to which was added one spoonfull of sugar, and some oile of almonds. But shee kept it not long, for the birth did much approach.

I took great care not to break the waters, and hoped, that the head had come first. But, when the waters issued, I perceived that the birth came by the knees doubled, after the way of her old accustomed births. Yet I was not disquieted with the thoughts of her former losses, but I trusted on God's mercy, and in his usuall blessings.

I drew the child gently, and leasurely by the feet, a little past the buttocks, unto the navell. I then turned the face of the child to the back of the mother, holding the infant's body in a soft, linen cloth, between my hands, and so brought it to the shoulders. And, after I had placed some part of my hand over the child's face, and had put my middle finger a little way into the child's mouth, to presse the chin down into the throat, I then caused a woman to lay a flat hand on the child's head, and gave the legs into my daughter's hands, willing her gently to draw by them, and the woman, with her flat hand, at that instant to presse her belly from the os pubis, and the child's head, to the birth place, whilst that I kept the womb from closing about the child's neck, with my hand. Thus were our desires, through God's mercy, quickly obtained, and shee soon delivered of a living daughter.

After her delivery, as shee lay on her back upon the pallet-bed, I could not well come to her body to fetch the after-burden.

Wherefore I caused her to turn, and to kneele, then I easily fetched it.

Thus, I thank God, with this threefold united force, shee was speedily delivered, and her daughter was baptized, and named Mary.

Shee had no throwes to bring the child into the world, nor had shee any pain, or trouble to complain of, more than usuall, to bring forth the infant, although the child was larg, and big in body.

Over much joy, the day following, for that shee had a living child, with her tender care premised for the preserving of the same, ever peeping, and hearkening how it did, put her into some disquiets of the mother, with paines in her flank.

But shee was soon eased of them, by having a plaister of Galbanum laid to her navell, and Emplastrum Saponis to her flank; as also, with giving her a lump of Lucatella's balsam, wrapped in a wafer, to swallow, and, upon that, a good spoonfull of syrup of maidenhaire, with as much oile of sweet almonds, and mixed with four spoonfulls of thin broth, with these applications, and medicine shee was eased, and cured from all the dangers of her child-bed. Shee returned with her daughter to her house, in April twenty seventh, 1661.

2
Head.

I laid her the second time of a living daughter Apr. 24, 1665. This birth came by the head, and shee named her Dorothy.

3
Head.

After the death of Mr. Rutland Molineux, Mrs. Jane Molineux was married to Mr. Thomas Wildbore, and, by him, had a son July the twentieth day 1667. Shee named him Thomas. This child scrabled with his fingers at the mouth of the womb, before it opened. But, before the flowing of the waters, it turned, and pitched on the head, when the moistures issued; and shee was soon, afterward, delivered.

Mrs. Jane Wildbore came again the fourth time November the tenth 1669 to Darby for her delivery. Shee sent a messenger to mee to Newbrough, where I was engaged to a worthy good Lady, who permitted mee the favour to go, and speak with her, and so, if shee had not present need, to return again.

I advised her the best I could, and stayed with her foure dayes. I desired her, in my absence, to have a midwife with her, but not to suffer the midwife to meddle with her, but to keep her bed; and, if the child came of itself, to cause the midwife to take it from her.

I desired her, when shee had any signes of labour, immediately to send for mee. Shee promised, for that occasion, to have a good horse ready in the stable, and to send such a messenger as did well know the way over the Forrest of Needwood. And shee said, that shee should go a fortnight longer. But shee kept not her promise either in horse or man.

Three dayes after (Saturday Nov. the twenty sixt in the night) shee fell into labour. Her messenger came to mee on Sunday morning, about half an houre past nine. My good Lady gave mee leave to go unto her. I speedily went with him. Hee was ignorant of the way. In the Forrest wee were both lost, and separated. I wandered alone nigh two houres, and came nigh again to Newbrough, and was necessitated to procure a guide. Afterward, nigh to the Forrest-gate, her messenger, and I did casually meet againe. Her messenger's horse tired after an houre's riding together. I was forced to go alone.

I put on, and rid very fast; About three miles and an half I espied two men, riding, with speed, from Darby. They proved to be her messengers, and, from her, they intreated mee to make hast, for that shee

Feet.

was in great extremity. I willed them to put on, and so, with them, I came a galloping pace to Darby. So soon as these messengers were horsed, and gone, this midwife would not stay my coming; but got her out of her bed, and, having put her to her knees, shee laid her coats on her hips, and shee never covered her birth-place, buttocks, or her thighs; and, with her rude, foolish doings, starved her body with cold, which made the delivery most difficult. And shee hoped to have gotten much credit by delivering before I came.

The birth was by the feet. Shee took hold by a foot, and violently endeavoured to pull away the infant by the foot.

Mrs. Wildbore, feeling her harsh doings, wished her to desist, and told her, That I willed that the midwife should not meddle with her, untill that I should come in unto her.

And shee assured her, that shee could better endure her paines, than her tortures, that shee put her to.

The women intreated the midwife to desist, and assured her that it was my command, That no midwife should trouble her at all in my absence, more than to receive the child, if that it came naturally of itself.

Yet, for all their sayings and perswasions, this self-conceited, unworthy, ignorant midwife (for whom I had done severall kindnesses) would not desist, but, by the feet, with violence, drew the child unto the navell, where it stuck, and farther shee could no wayes get it for a long time.

x

And, had not one of the company given the midwife good advice, shee might well have broken the child's neck, and separated the child's

head from the infant's shoulders, by keeping the child's face towards the woman's navell, and belly.

The midwife continued this forcible pulling the infant, by the feet, three quarters of an houre, or longer. And, finding her strength not sufficient to remove it, shee desired another woman to help her to pull it by one leg, whilst that shee haled by the other. But both their strengths could not remove it, to bring it forwards.

At length, this assisting woman desisted, and shee told the midwife, that shee durst pull no more, for that shee feared the child would bee torne in pieces by them.

Mrs. Wildbore intreated the midwife to desist, for that shee was not able to endure her violent struglings, saying, would shee teare her, and her child to pieces? And this midwife's halings were continued with such violence, that the sweat ran down her face in great drops.

Nevertheles the midwife continued on her violent struglings, and, being a strong woman, at last, perforce, shee pulled the child away, and laid it carelesly aside, supposing the child (as shee had cause) to bee dead.

But, by others, the child was found to bee alive, and, by good hap, the infant had one arme stretched out over its head, which preserved its life, and the not separating the head from the body.

The child was not quite swadled, when I came into the chamber. Mrs. Wildbore told mee how shee had been used by the midwife; that shee had made her very sore, and, for any thing shee knew to the contrary, had torn her. And that shee much wondered, that her child's head was not pulled off, and left behind, remaining in her body.

The weak child was forthwith baptized, and named Baptista. After this, I went to my house, and said little to the mother, or midwife that night.

But the next morning I told Mrs. Wildbore, that shee had suffered through her own follies.

Shee said, that shee could not help it, for the midwife would do it, contrary to her desire.

To the midwife I said, that her harsh, and unhandsome usage of this woman, and her child, would empair her credit. And that her ignorance had wronged both mother, and child; and shewed her how shee had made deep prints all about the breast, shoulders, and neck of the child, by the scratchings with her nailes, and that it was a wonder that the child was born alive with such usage, and that it would bee a greater, if that it lived.

Had Mrs Wildbore observed my command, and this midwife desisted from her ignorant doings, when shee was desired to forbear, I then might have been there soon enough to have delivered her, as may bee observed in these writings.

I have come to severall women, after a whole daye's labour, or more dayes, and have found some of the members of the child to have been long in the world, yet I have safely delivered the woman. And, where the midwife had not been too busy, there I have preserved the child, with the Mother.

A week, or more, after her delivery, shee had a swelling, with a numnes in her right leg, from her gartering place, to her ankle. And the child was swel'd in the right arme, and was weake in the wrist;

and could not hold up the hand, but that it hung flagging downe.

I came to them again the third time, and, I thank God, I cured them of their infirmities, staying with them five dayes.

The child could not suck at the first, but made pityfull faces, when it endeavoured to suck, and cried weakly. I eased it, by giving it oile of sweet almonds fresh drawn, and mixed with syrup of maiden-hair.

To the child's back I applied emplastrum de smegmate spread thin on leather.

After this the child did suck much better, yet weakly. It was found, afterward, to bee tongue tied. When it was cut, it drew the breast much better, and gathered some small strength.

The child after three weeks, had a dayly purging, issuing from the nose, of bloud with corruption. It cried much. It may long live, but I feare the contrary.

This midwife was but of few years practice, and, being told, afterward, of her doings by Mrs. Wildbore, shee foolishly replied, That if shee and the child had been torn in pieces, they two had not been the first, that had been so used. Her answer shewed her disposition.

I leave her to the censure of all women. But this midwife shall never see more of my practice, or bee in place, where I have ought to do.

But Mrs. Wildbore's opinion, and saying of this midwife, with foure others, that shee had made use of, with the losse of her children was

That they were all ignorant creatures, and that they knew not what to do in any difficult, and unnaturall birth, more than to hale and pull the woman's body, and the child by the limbs. And that shee, with her children, through their ignorances, had wofully, and sorrowfully suffered.

Shee her self went well from Darby, carrying her weak child with her.

God blesse them both, and, for some causes, I pray, that I may never bee troubled more with her, or, rather, with her husband, fitly named Wildbore. Finis.

And this is a true relation of this savage narration.

In November 1671 I heard, by a messenger, that was at her home, that shee is well, and that her child hath perfectly recovered her infirmities, and that it is hearty, and healthfull.

The birth comming by both hands and feet.

Sometimes the child thrusts forth both hands and feet together.

This birth happened to one goodwife Picraft in Darby, 1660. After that the midwife had tortured her severall nights and dayes, at the last I was sent for. And the midwife said that shee had done what shee could for keeping up the hands and feet. I wished her more understanding in her practice, and, before her, I laid this woman, by joining both feet together, and then drawing leasurely by them, (and the hands returned to the sides) observing the order, and way by the birth of the feet, &c.

Shee was quickly delivered without any torture, or violence, in a

By both
hands and
feet.

short time. As the legs came downwards: so the shoulders with the armes, went upwards, and reduced themselves. In May 1660.

The same midwife was sent for to Spoonendon, about two yeares after this delivery, by Edward Holerentius his wife. The birth came by one hand, and one foot.

One hand
and foot.

This midwife, at her comming, vaunted much of her knowledg, and abilities in the practice of midwifery, and what shee could do. But her words proved windy, and her deeds, nothing worth.

After her much afflicting the woman, her friends were displeased with her ignorance, and they sent for mee. I came to her, and, as afore in Picraft's wife, with little ado, I laid this poore woman, and I suffered this foolish prating midwife to stand by mee the same time, and to see what way I did take the second time.

This woman conceived again about two yeares after this time. I was desired again by her midwife, and neighbours, with her consent to come unto her.

Her midwife, and friends assured mee, that, long since, her waters had issued, yet no child followed.

But it proved otherwise. That night I provoked a stoole by a suppositer, and willed her to rest quiet, and to keep her self warm, and to endeavour to sleep.

In the morning I returned home to my house, and sent her a clyster, which freed the passages of excrements. And, not long after the discharg of it, paines, with throwes, came upon her. Then the waters gathered, and flowed, and the child followed the waters, putting her to no more affliction, than such, as usually accompany the woman's bed.

The
birth un-
fortunate
by the feet.

I was again with her at the third birth, and then shee was easily delivered by the child's head.

The birth by the feet may prove unfortunate, if not prudently handled.

There was an ancient midwife, that I respected, and wished well. For severall causes, I did her all the courtesies that I could. I shewed her much, and helped her severall times, yet could I never prevaile with her to leave her haling, and stretching those tender parts. But shee would ever put on too forcibly, not much regarding the woman, or child, to finish her work.

Shee was midwife to a good Gentlewoman, about 1652. The child came by the feet. For want of judgment, how to order the birth, shee drew forcibly by the feet. So shee brake the child's neck in the birth, and pulled away the body, but left the head remaining in the woman's body, which, afterwards, came away. And this good woman recovered, and is now living Anno 1671.

But her poor, old midwife, that had oft, formerly, laid her of severall children, was sorely dismayed with this sad unexpected accident, which never had afore happened under her hands. So that shee was alwayes condoling her misfortune, and never again was chearfull to recover her spirits. Her frequent sad remembrance of it, in few succedent moneths, finished her dayes.

The same accident happened to a poor, wandring woman at Risly. I was sent to her by the Lady Willughby, dwelling at that place. The child's head was not easily fetcht forth.

This wandering woman lived severall yeares after. But her

companion, and wandering midwife hasted away, unwilling to own her work, and I could never heare what became of her.

The same misfortune happened in Wocestershire to a good woman Apr. 12, 1651.

I shall use Pareus his words, and leave you his directions, how to help this affliction.

But if, by any meanes, it happeneth, and that the child's head onely remaineth behind in the womb, which I have sometimes (against my will, and with great sorrow) seen. Then the left hand being anointed with oile of lillies, or fresh butter, must bee put into the womb, where-with the chirurgion must find out the child's mouth, putting his finger into it. Then, with his right hand, hee must lift up the hook (according to the directions of the left hand) gently, and by little, and little, and so fasten it. He must therewith draw out the head by little, and little, for feare of losing, or breaking the part, whereon hee hath hold, either in the mouth, eye, or chin. But, if possible, it is better to fix the crochet in the hinder part of the head.

Also, in stead of the hook, hee commendeth the use of the Grif-fon's talen.

Of these two, I better like, and had rather use the crochet, and more better than either of these, the use of the hand.

Pareus saith, That it is not an easy thing to take hold on the head, when it remaineth alone in the womb, by reason of the roundnes thereof. For it will slip, and slide up, and down, unles the belly bee pressed down on both sides, thereby to hold it unto the instrument, that it may, with facility, take hold thereon.

And I hold this note of Pareus excellent, for the pressing down the belly on both sides, to hold it down the better, whilst that the instrument is in fixing. And, if any chirurgion should bee called to such a sad occasion, I would hee could remember this note, and use it, as directed.

To prevent the pulling off the head.

To prevent the separating of the head from the child's shoulders, I could wish midwives to try first what might bee done, by turning the child's face to the back of the woman; and, afterward, by putting the middle finger into the child's mouth, to presse down the chin into the throat, with their other fingers, placed on the child's face, before they offer to draw by the feet; and to cause some other assisting woman to make a pressure on the child's head, to drive it forth.

But, when the child is dead, and that the chirurgion perceiveth the child's neck to bee cracked, or broken, and that it will, in probability, separate from the shoulders with drawing, whilst that the child's head is fixed to the shoulders, I would have him slide up his left hand anointed, and to place it over the child's head, and, in the hollow of his hand, to convey up the crochet, and to fix it on the child's head as high, as may bee. And, having then taken forth the left hand, to put up the right hand against the point of the instrument, when it is fixed, and then to draw with the hook, whilst that some other assisting woman draweth leasurably by the feet. And thus, I beleve that a great head may bee drawn forth, and not separated from the body, with much more ease to the woman and chirurgion, then it can bee, if once it bee separated from the body. See Elianor Fletcher.

Crochet.

Although I know the crochet to bee usefull, for the releeving of a weake woman in travaile, and for the drawing forth of a dead, and

corrupted child, yet I would not use it, if sudden danger doth not enforce mee to reliev the woman.

For, as I have said, where too great straitnes, and narrownes of the woman's body, or the evil positions of the bones have not hindered, or withstood my endeavours, for the turning away the head, and producing the birth by the feet, that there, oft, with lesser trouble to the women, and to myself, I have happily delivered several women by the child's feet.

But, if high, and lofty conceited midwives, that will leave nothing unattempted, to save their credits, and to cloak their ignorances, let mee advice such women to learn how to make use of the crochet, rather than pothooks, packneedles, silver spoones, thatcher's hooks, and knives, to shew their imagined skills. I have known the midwives, and the places, where they have used these follies to their women.

And I intreat all midwives, to put of such operations to the very last refuge, untill it is very manifest, that the child is dead, and not to make too sudden hast to use the crochet.

Or rather, to put this work to expert chirurgions, or others (if they may bee had) which have used, and practiced such operations, to deliver women by the crochet.

For Fabritius Hildanus saith, That alwayes some new thing happeneth in the extraction of a dead fœtus, either in the posture of the child in the womb, or in the genitall parts of the mother.

This operation will bee better learned, and understood, by seing it performed by a rationall practicer, than by discourse, or reading books.

But, if midwives, or any other never afore used to practice in these wayes, will take upon them a conceited boldnes, to try their supposed skill;

Let them first place the woman kneeling on a bed-side, or, rather, on a bolster. And, afterward, with much care, and gentlenes, slide up the left hand, well anointed, as high as may bee, over the dead child's head.

Afterward, in the hollownes of the hand, to convey up the crochet, keeping the point toward the palm of the hand in putting it up, laying the instrument flattish in the hand.

This being done (holding her hand over the head) to turn the point of the instrument toward the child's head under her hand. Then to fix it, as high as may bee, towards the hinder part, or on the side of the head.

The instrument being fixed, to take out her left hand, and to slide up her right hand, opposite to the point of the crochet. Then, afterward, to raise the woman to a leaning posture. So, with the hand, on one side, holding the child's head steady, and with the instrument, on the other side, to draw gently.

If the skull teare, and the hold faile to bring forth the head, let her receiv the point of the instrument with easy and leasurely drawing, upon the palm of her hand. Thus doing, shee neither hurteth the mother, or her hand, with the receiving of the instrument.

Then let her fix it again on the other side, first putting up her right hand at the second fixing of the instrument. And, in fixing, alwayes remember to bee carefull, that when or wheresoever shee fixeth the

instrument, that shee keepeth her open hand hollowish, between the woman's body, and the child's head, whilst that shee fixeth the crochet.

Thus doing, the midwife will not hurt the woman's body, or her own hand, neither will shee bee deprived of her expectation.

January the 12 1661 I was called to Ticknall in Darbyshire, to one Risedaile's wife. Finding that the child did stink, and was much swelled, I placed her kneeling on a hard bolster, and, putting down her head to a pillow, that was laid on a woman's lap, sitting afore her, and causing her to straddle as wide as shee could conveniently, I placed my self behind the woman, and put up my hand over the child's head, and, in the hollownes of my hand, I slipped up the crochet, laying it flat to my hand.

A dead
head
drawn
by the
crochet.

Afterward I turned the point of it to the child's head, and fixed it. Then I drew forth my left hand, and put up my right hand on the other side, between the child's head, and the woman's body, just against the point of the instrument, and on the other side, with my instrument, I drew leasurly. And, thanks bee to God, I quickly brought forth the dead, stinking child. I immediately fetched away the after-birth, and so put her to bed. And this woman lived, and recovered her health, and hard sufferings, and had children afterwards.

The midwife had kept this woman foure dayes in extremity, and had oft endeavoured to pull it forth with packneedles, thrust through the skin of the child's head, in hopes to draw the child forth by these packthreeds, but the skin was rotten, and quickly torn, and her hopes frustrated to help her, and to save this woman's life. At the last I was sent for.

The labouring woman may bee placed sitting on a woman's lap,

when the child is much descended. Or you may cause her to kneele on a bedside, leaning on the neck of other women. I have used all these wayes with good successe.

But, I suppose, that shee may bee more easily delivered kneeling on a bolster, for the better fixing of the instrument, or, if you would, for the getting of the feet.

Bol-
ster.

The use of the bolster is great to facilitate this work. For, through the woman's high kneeling, and the low placing of her head, much advantage will bee procured to reenforce the child to return, in part, back into the hollownes of the woman's body.

So you may have the larger roome to turn, and to move your hand, to fetch the feet, or to fix the instrument. The which will not bee so conveniently done, whilst that her body is placed above your hand, as shee lyeth crosse the bed, the which will keep you at a distance, and remote from your work.

In a difficult birth, when that you have drawn forth the head, if that the rest of the body will not bee brought forth easily, slide up your finger under the child's armpit, and give it a nudge toward the other side from you, drawing with your finger. But, if it will not bee so performed, then fix your instrument under the child's armpit, in the hollownes of the breast, and so you may draw forth the shoulders with the rest of the body. Or, you may draw by the head, wrapped in a linen cloth. Or, you may put a strong fillet, with a sliding noose, about the neck, and get some woman to help you to draw by it, as you do by the head of the child.

The extraction of a dead child is the best, and safest way to save a weak woman in extremity, and to preserve her life. For Guillimeau

saith, That, whensoever the child's head is much entered within the os pubis, it is impossible to thrust him upward to turn him, without much endangering the mother, and causing great contusion in the womb, from whence proceed diverse accidents, and sometimes death with them.

This my Ticknall midwife, some two yeares after, endeavoured, in the same towne, to deliver a potter's wife by quartering the skull with a knife, and taking forth the braines, yet shee could not bring forth the child. But shee much hurted the woman. Her ignorance, with the woman's afflictions, stopt her for proceeding any farther. So her husband came to mee. I went to her with him. I sent for the midwife, and drew the child with the crochet, as shee stood by mee.

The child was great, and smelt, and did stink; the skin, in severall places, much flayed off. I modestly rebuked the midwife's doings, and so I lost the good will of this midwife, and, as much as might bee, her future practice.

This poore woman died the next day, I beleeve, through the hurts, that shee received from her midwife's knife.

The woman's body smelt unsavoury in the time of her delivery.

At Spoodon in Darbyshire another midwife used the same practice, for cutting the child's head, and pulling out the braines.

In her sufferings I was sent for, but this midwife had finished her work before I came.

And her woman died the next day after her delivery.

My Ticknall midwife Apr. 17 1666 kept Catherine, the wife of Joseph Clark, six dayes in labour. Shee was a great haler, and stretcher

of women's bodies, and, through her ignorance, much injured all her women, to whom shee came. But since, shee is dead.

When shee heard that her husband was gone to fetch mee to his wife, whether shee feared a second rebuke I know not; but then shee bestirred her self, and, with the help of another woman, the work was done, whilst that I was comming; and shee sent speedily another messenger to stop my journey, and to turn me back.

And, although I offered to have gone through the journey to see his wife, yet it was thought needles. I then desired her husband to see his dead child, and to let mee have the true report, how, by the midwife, it was used. But the midwife told him, Hee could not see it, for that it was wound up, and stuck with rosemary, and baies. His wife died that night.

I leave the reader to think what hee, or shee pleaseth of this woman, and how the child was used.

I could heartily wish, That all midwives would bee friendly, and courteous to their afflicted women, that they would not bee drawn aside with vain conceits, nor too much adhere to their own opinions, nor to shew themselves stubborn against such, as should direct them better wayes to follow. For my own part, I was ever willing to learn of any one, and ever was thankfull to any one, that did shew mee any thing of practice.

Not far from Ashburn there was a poor creature, that was willing to suffer any affliction to bee delivered. After much pulling, and stretching her body, her conceited midwife's last refuge was, not to roll her on the bed, but to tosse her in a blanket, as some have served dogs, hoping

that this violent motion would force the child out of her body. But her conceits failing, I was sent for, and the midwife, and women told mee, That they had tossed her in a blanket, but that it did no good.

But I beleev'd, that all their strengths, and forces were not able to do it, but rather, That they moved her body violently, by shaking, and rolling her in the blanket. And I durst not find fault with any thing, that this waspish company had done, in thus using this poor distressed woman.

I found that the child came by the head. I endeavoured to force the birth by medicines. But, when nothing prevailed, as shee kneeled, I drew away the dead child with the crochet.

Head.

Shee recovered; it was much to bee wondered, that this tossing affliction had not set her body in a loosnes.

It may so happen, That the chirurgion cannot alwayes draw forth the child's head with the crochet, when that the skull is separated, and the skin very rotten, and so it cannot keep any hold.

In this case lay aside the instrument, and, with your fingers, put into the wound made by the crochet, and your thumb plac'd outwardly over the skin, and the bones of the head joined together, draw leasurly. It so may follow by this way, that you may draw forth the rotten body, holding the bones, and skin together between your thumb, and fingers. But, if this way also faileth, then again fix your instrument in some part of the neck towards the head, or about the upper part of the shoulder, or breast.

Severall honest women, chiefly in the time of their first bringing forth of children, have sadly suffered by ignorant, robustious midwives, in putting them to kneele, or to sit on their stooles, or woman's laps,

Danger
occasi-
oned
through
hasty
proceed-
ings.

before the womb hath beene opened, or any waters have gathered, with their hinder parts naked, and starved with cold, and, by their halings, upon every sleight pain stretching those tender places, have made their women sore, and swel'd which ignorant usage of theirs hath done much hurt, not onely by hindering the birth, but also endangering the life of the mother and child. And in severall places, unto which I have beene sent for, I have found the mother undelivered, and shee and the child dead before I could come unto them, through the ignorance of such midwives.

A. I travailed all night to Chesterfield, and was greatly pelted (after some three houres riding) with flashes of fire, dreadful thunderclaps, and stormes of rain. I came to the place about foure in the morning, and there I found both mother, and child dead, and shee not delivered. This woman might have been easily helped, had I been there in convenient time Anno 1631 by drawing the child with the crochet, if that she could not otherwayes have been relieved.

B. I was sent for from Stafford, to come to a lady beyond Congerton. Her midwife had kept her severall dayes in labour. I took my daughter with mee. Wee travailed all night, and wee were wetted with much rain to our skins. Wee came, by break of day, to the place. But this Lady was dead, undelivered, before our coming. I much desired to see her corps, but the midwife would not permit it. I knew this midwife not to bee very judicious in her profession, and I beleeve, That shee was ashamed that her work should be seen Anno 1655. This midwife was gentile in habit of cloths, but ignorant in the wayes of practice of midwifery.

I was brought to Cossall, in Nottinghamshire, to a woman, whose mother was a midwife, and in the house with her. So soone as paines

came upon her, before the opening of the womb, or the gathering of the waters, shee endeavoured to deliver her daughter. After much suffering I was desired to help her. Perceiving her mother ignorant, I put her to bed, willing her to lie quiet, and, if shee could, to sleep. Being thus strengthened, and refreshed, when true labour approached, nature opened the womb, and shee was soon after delivered of a living daughter.

A kinswoman, being with child, and having a good opinion of a lusty, strong bodied midwife, brought her many miles with her, and kept her in her house, for that shee should bee at hand to assist her in her travaile.

When this woman's labour approached, the midwife, placing herself behind her, mightily bestirred her, with haling, to stretch the birth place, as shee kneeled. And, thrusting her fingers into her body, by main strength, shee oft lifted her from her knees, whereby shee made a great breach from the birth, into the fundament, before shee was delivered.

After that shee was recovered of her weaknes, I was sent for. And, finding that this rift on each side was cicatrized, and healed, I perswaded her not to meddle with it, but to bee contented to suffer the breach, for that it would bee troublesome, and difficult to cure, and also, for that, if shee should have more children, they would bee more easily born, through the spaciousnes of the place, made more open and passable.

Pareus saith chap. 27. lib. 24 de generatione hominis, That this breach is a most unfortunate mischance for the mother afterwards. For when shee should travaile again (if that it could bee healed) shee cannot have her genitall parts to extend, and to draw themselves in again by

A breach
made in
the funda-
ment by
haling
Mrs.
Crum-
pton.

Cold
aire
hin-
dering
the birth.

reason of the scar. So that, then, it should bee needful that the chirur-
gion should again open the place, that was cicatrized. For otherwise, sh ee
shall never bee delivered, although shee strive, or contend never so much.

The cold aire, with the cold keeping of women in travaile, doth
straiten, and make stiffe the genitall passages, that they cannot bee easily
relaxed, and so, by accident, oft is made a slow and painful labour.

At Nottingham in Anno 1642 one Good wife More, dwelling on
the long row, was foure dayes in labour. At last I was called, and,
finding that the child came right, and that the birth was much retarded
through cold, that shee had suffered, and taken, by keeping the birth-
place, with the thighes, and hips, naked, in long kneeling; I caused her
to bee put into a warm bed, and to bee kept quiet. After a while, I
gave her some medicines, to move throwes, and willed her to endeavour
to sleep. About three houres after that shee had taken some rest, and
had been kept warm in bed, strong labour came upon her; and, on a
sudden, as shee lay in her bed, shee was delivered by mee (of which the
company knew nothing) of a living son, untill I called the midwife to
mee, and willed her to take up the child. The mother, and her son were
living April 6, 1661.

At Wolerton Hall, nigh Nottingham Anno 1647 the Bailiff's
wife, Good wife Percy, having lien long in labour, and wearied with
kneeling (which is the country mode) and *as good* as naked over all her
hinder parts, having her cloths laid as high as her hips, which way
retarded the birth, and starved her body; Shee sent for mee. I came
better than eight miles unto her, and found her kneeling in that uncomely,
and unfitting manner, and having no throwes on her. And, finding the
child to come in a right posture, I thought it the best way to give the
simple midwife good words, to get her from under her hands, and

desired her to permit her woman to rest, and to ease her self on her bed, on which I placed her, and wrapped her warme. Afterwards, I gave her medicines to move labour. So I willed her to rest quiet, and to sleep, if that shee could. Some two, or three houres after that shee had thus been kept warm, finding her throwes increasing, I came unto her, and, as shee lay on the bed, shee was speedily delivered. Severall women, with the midwife, would not beleve it, untill they heard the child to cry, the mother, and daughter now living in Nottingham 1667, and this daughter is married, and hath a child.

To these unhandsome, absurd, and foolish wayes, through ignorance, some midwives have added cruelties, in pulling, and cutting off the armes of infants; and have proceeded farther, through their grosse mistakes, and have wished some to cut off lumps, lying before the birth-place, affirming, That, otherwise, the woman could not bee delivered.

A good friend, and an honest, good woman gave mee this report of her mother's sufferings.

Her mother had a lusty, young woman for her midwife. And, in the time of her travaile, the infant came by the arme.

Shee pulled long by the arme, so hoping to deliver her. But, at the last, with her pulling shee tore the shoulder from the child's body; then, wrapping it privately in cloths, shee conveyed it into her pocket, and fained an excuse, That shee must needs go home, saying that shee would come again. But, her mother continuing in extremity, another midwife was sent for, and shee was delivered before the first midwife returned. The child, being viewed, was seen to want an arme. Much search was made to find it, but it was not to bee found. At last, the first midwife returned. Shee was asked what shee had done with the

Pulling
of arms.

A.

child's arme. Then, with shame, shee took it forth of her pocket, and gave it to the company.

B

I have cause to beleev the former report, for that, in the yeare 1643, there came into the house of a worthy, good friend, a woman with a little basket, having a child's arme, and shoulder in it, which was pulled off by the midwife, and her assistance. And my help was desired, to save the woman's life, that had the rest of the child remaining in her body. I went with the woman, and took the Gentlewoman's midwife with mee, for that I would not have the Gentlewoman discouraged, that was, then, great with child, at so sad an object, as shee had seen.

I laid this woman of the remaining part of the child's body, having this Gentlewoman's midwife by mee, and shee recovered her strength, and lived many years afterwards.

Shee was Thomas Hofe's wife, hee, and shee lived at Willington in Darbyshire.

Seek for the relation of Hampton Ridway Elizabeth Twomly.

An arm
cut off.

I was called to Lichfield July 30 1670 to Mary, the wife of Edmund Hector, a barber-chirurgion. This woman was formerly laid by her midwife with good successe. But now shee had a birth, in which the child came by the arme. At my comming to her, I found with her three midwives. They had greatly tortured her body, by endeavouring to reduce the child's arme, and, when it would not abide up, they would have pulled it away by the arme. But, at last, it was thought the best way to cut off the child's arme close to the shoulder. The infant was a boy.

I found her much spent, and weak, and full of paine, and I had

no great encouragement to meddle with her, for that shee had been much abused, and, through ignorant midwives, her body much bruised.

Shee intreated, and much desired to bee released, and eased of her tortures. I placed her kneeling on the side of a bed, and, finding the birth-place filled with the rest of the shoulder, I put it back, and endeavoured to draw forth the dead child with the crochet, but I could not, any way, conveniently fix it on the head, for that the neck was much distorted, and the head, on one side, lay deep in her body, and would not be removed.

A distorted head.

Therefore I laid aside the instrument, and made use of my hand onely.

And, having my hand anointed with fresh butter, I easily slid it up, and quickly found the other hand, and feet lying close together. I took hold of the foot, and brought it forth, without afflicting the woman, ever drawing leasurely, untill I had obtained the other foot. When it came to the hips; I turned the child, for that it came with the face to the mother's belly. Then I drew it to the neck, and, having put my middle finger into the child's mouth, to presse down the chin into the child's throat, I drew again easily, and the work was soon finished, in lesse space then half a quarter of an houre.

Unless the head be fixed in the bones, the which is seldome found, after that the midwives have endeavoured to pull the child forth by the arme (for by their pullings the neck commeth greatly distorted, and crooked) I would not have the chirurgion to offer to draw it by the crochet; but, by his hand, to fetch it away. So will his worke bee easier, and better bee performed by the foot, then by the crochet.

If hand and foot lie close together, you may easily distinguish

between them. The thigh is much thicker then the arm, and the foot is grosse, and thick, and hath no bendings, but with short toes. The hand is small, and long, and full of bending fingers.

And I know assuredly, That, where there is room to put up the hand, that a woman may easier, and better bee delivered by the hand, and more sooner, then shee can bee by the crochet. See the scheme.

And it will bee more pleasing to the woman to bee laid by the hand. For instruments bee dreadfull to them.

Some three, or foure houres after that this woman was delivered, upon some discourse, I desired to see this child again. The midwife, that cut off the arme, brought it to mee. The child was very handsomely put into a shirt, and the arme was put up into the sleeve unto the shoulder, and the hand tied at the wrist, and decently laid by the child's side.

It was so well done, and shrouded, that to one, that knew nothing, and had onely looked on the child's body, thus shrouded, that this ill work, at a distance, could not have been perceived, that the arme was cut off at the shoulder.

In probability, the other midwife would have used this sleight, to cover her rude handling, and doings, had not they been casually discovered.

This woman lived some four, or five dayes after her delivery, and then shee departed, as I feared.

Anno 1648, or thereabouts, I was desired, by an eminent midwife, joined with two other midwives, to come to a labouring woman in much distresse.

A great
mistake
about a
child's
head.

Before I saw the woman, these midwives assured mee, That there lay a great lump of flesh before the womb, and that shee could not bee delivered before that lump was removed, and they all desired mee to cut it forth.

After that I had placed the woman kneeling, and had considered of the matter, I found this lump of flesh (so called by them) to bee the child's head, enfolded in the womb, as yet not opened, and that some part of the neck of the womb was descended with it into the vagina uteri.

These midwives would not beleieve it, but told mee severall strange stories, to induce mee to cut it forth. I desired them to bee patient, for that I hoped that all would go well with the woman, without cutting, or taking away of the lump.

I put her to bed, I gave her first a clyster, and willed her to keep it as long as shee could, and to give her self to sleep. Not long, afterwards, I gave her medicines to prepare, and make way for a birth, for that shee had slight throws.

The womb ascended, this lump returned again into her body, and was no more felt.

Between two, and three of the clock in the ensuing morning, the waters issued, and, about an hour after, shee was delivered by mee of a dead child. Shee recovered well again her strength, and health, and hath, since that time, been the mother of severall living children.

Had I beleeved these midwives, and had been overcome with their stories, and perswasions, then should I have caused great effusion of blood, by cutting away part of the womb with the child's head in it.

And, in so doing, I should have destroyed the woman, and have filled the eares of all, that should have heard of it, with various, and ugly reports of my harsh, ignorant cruelty, and bloody practice.

Distorted head, or neck.

Guillimeau 144.

Mrs
Hector.

When the child commeth, in an unnaturall birth, with a distorted neck, the head lying in the flank, or on the back, or breast, after convenient placing the woman, draw the birth forth by the feet. See the scheme.

When any one shall endeavour to try this way of Guillimeau, I beleev that hee will not find it facile, or easy to bee done, but that hee will rather approve the way, by drawing by the feet, much more easy, and better, then after this way to produce the infant by the head.

See p. 162 the Lichfield woman with the distorted neck.

Strang Afterbirths.

Mrs
White
halgh.

In the yeare 1648 I was called to a worthy, civill, good conditioned woman, being with child, and, full of feares, and having passed the better part of her going with child, yet her belly was not great, which troubled her thoughts, mistrusting, that somewhat would fall amisse to her, or her child, if not to both; For that shee felt it sometimes weakly to link, and dully to move in her body, and, at that instant time, the child having the same motion, shee prayed mee to feel, if that I could perceive the same.

Her body was so fallen down, that I could easily reach it with my finger, without any trouble, or enforcement.

I assured her, that I did perceive the dull motion, with the linking, that shee had mentioned.

Shee intreated mee (when occasion should bee) to come unto her, for that shee was resolved to have mee with her in the time of her travaile.

Shee sent for mee, and I came speedily with her messenger, but shee was delivered of a small embryo before my comming, not much longer than my little finger.

But the secondine was more then two inches thick, resembling a griped hand, and fashioned like a round turnep, having a small, flattish, round hollowness in the bottom of it, like a broad saucer, and covered with the membrane annexed to it, in which this Embryon was enfolded. I never saw the like afore, or since, and beleve that I shall never see the like againe, for the roundnes and great thicknes. Shee had severall children after this abortion.

In the yeare 1634, or thereabouts, in June, I was sent for by a Gentlewoman. She had flouded, and it was stayed, by letting her bloud in the arme, and giving her astringent cordials, and Juleps. But it oft returned again, and againe. At last, shee had great abundance of blood flowing by pashes, with them came a roundish lump of hard flesh, of a gristly substance, bigger than a goose egge, which was thick, and hard to cut. It was, in the middle, hollowish, the breadth, and space of a little nutmeg, in which was a small body, no bigger then a barley corn, hanging by a navel-string, and floting in water.

After the comming of this after-burden, shee had no more flouding, or pashes of blood, but soon recovered again her former health, and strength.

Mrs
Price.

If the flux of blood be caused by the after-birth, comming afore the birth of the child, or in the time of travaile,

When the after-birth offereth it self before the child bee born, lying either in the mouth of the womb, or appearing in the outward parts, Guillimeau, the French King's chirurgion, in his book of the happy delivery of women, fol. 132, saith, That the most sure, and ready way to help the woman, is to deliver her speedily, because, most commonly, there followeth a continual flux of blood; for that the orifices of the venes are opened, which are spread in the sides of the womb, and there meet with the vessels of the after-burden, and then the matrix doth straine, and force it self to put forth the child. Then doth it thrust out both the bloud, that is contained therein, and that, which is drawn thither, either by any heat, or paine.

Besides, when the child is inclosed in the womb, and the orifice thereof stopt with the after-birth, then the child cannot breathe any longer by his mother's arteries, and so, for want of help, hee will bee quickly choaked, and even swallowed up in the blood, which is contained in the womb, and which issueth from the venes, that are open therein.

But, before you attempt any thing, these two points must bee observed.

1

First, whether the after-burden bee come forth but a little, or, else very much. If it bee but a little (when the mother is well placed) it must bee thrust, and put back again with as much care, as may possible bee. And, if the head of the child come first, let it bee placed right in the passage, thereby to help the naturall delivery. But, if you find any difficulty, or, if you perceive, That the child's head cannot easily bee brought forward, or, that the child, or his mother, or both

together bee weak, foreseeing that the travaile will bee long, then, without doubt, the best and surest way is, to search for the feet (as wee have said) and to pluck him forth gently by them.

The other point, to bee observed, is, That, if the said after-birth bee much come forth, and that it cannot bee put back again, (as well by reason of the bignes of it, as also, of the flux of blood, that commonly companies it,) and likewise, if the child follow it close, staying onely to come into the world, then must the after-burden bee pulled away quite, and, when it is come forth, it must bee laid aside, without cutting the string, that cleaves unto it.

For, by the guiding of the same string, you may easily find the child; who, whether hee bee alive, or dead, must bee drawn forth by *the legs*, with as much dexterity as may bee.

And this must bee done onely in great necessity, that the child may bee quickly drawn forth, as it may easily bee judged by the sentence of Hippocrates, who saith: That the after-burden should come forth after the child, for, if it come first, the child cannot live, because hee takes his life from it, as a plant doth from the earth.

Sometimes, it chanceth, That a part of the after-birth, as also the membrane, that contains the waters, doth offer itself, like a skin, and comes forth, sometimes, the length of half a foot, which happens to such women, as have the skin, wherein the waters are contained, swelling out, to the bignes of one's fist, or more, which, breaking forth of themselves, leave the skin hanging forth, and yet the child not following it. Which happening, it must not bee violently pul'd away, because the after-burden, oftentimes, is not wholly loosened from the sides of the womb. So that, in drawing that, you shall likewise draw the said after-burden,

and so, consequently, the womb, or else part thereof; which, commonly, brings the woman into extreme paines, and faintings, yea and, oftentimes, to death.

Which Guillimeau said happened (to his great grief) unto a Gentlewoman, that died so soon, as shee was delivered, who putting herself into her nurse's hands, who took upon her to bee a midwife, and was so venturous, as to pluck, and draw forth the said membrane, and part of the after-burden, which came to light by meanes of her chambermaid, who had kept it, and shewed it us, after her decease, wee being very inquisitive to know the cause of her death.

But, when this happens, it must not bee pulled away; but, rather, gently bee thrust in again; or, else, you must put in your hand between that, and the neck of the womb, to find the child's feet, and so to draw him forth, as wee have shewed before. Guillimeau chap. 12. lib. 2.

The comming forth of such membranes happened to Mrs. Jane Molineux, at the birth of her daughter Mary, which was drawn forth by the feet.

It happened again to her, after that shee was married to a second husband, Wildbore, by name, and nature, when shee was delivered of her son Thomas, who followed the waters.

Mrs.
Harpur.

A good woman was delivered of a daughter, with such usuall afflictions, as bee incident to other women, November the second being Tuesday 1669.

Her midwife made much struggling in her body, to fetch away the after-burden.

Sometimes shee said that shee had hold of it, but that it was again overslipped her hand. Thus was this woman tortured by her midwife for the space of an houre, or longer. But at last (as it was said) shee got it. But I can hardly beleieve, that she had it whole, for that the after-burden was lacerated, and, as supposed, part left in her body, where it did stick; for that shee had great pashes of bloud afterwards, which came with a lump of spongiuous flesh.

Anne Brad-
ford at
Walton
midwife

Her Physician was not of this opinion, but thought that this lump of flesh was part of the womb rotted forth, and that the womb was torn by the midwife.

Her husband's mother came to see her some five dayes after her delivery. Shee told her mother, sitting by her, that then shee flouded.

Her mother caused the wet closier to bee taken from her, and to bee carried away into the next roome, for that it sented very strongly; where this cloth was opened, and seen filled with an odious, stinking moisture, in colour blackish, resembling pudled ditch water.

Her friends, apprehending then much danger, desired that I might bee sent for, to come unto her the Saturday following. But, by reason of a former engagement, I could not then bee permitted to go. Yet, in my letter, I desired, That they would make use of Dr Dakins, that was nearly related to her. Unknown to mee, hee was in the house with her.

Her husband, in his letter, did not mention any thing of her sufferings. And, for that shee was delivered, I was not too urgent to procure my liberty, but was willing to refer it to a more able man for physick.

Yet, as the busines fell out, I wished afterwards, That I had

gon; so that after her death, I might have had the liberty to have opened her body, to have seen the true cause of her ruine, which thing was desired by the physician, and some of her relations, after her departure.

The fifth day, the issuing humours were so stinking, having a cadaverous, suffocating sent, that the room was not well endured by the incommers, for that it caused in some of them a heaving at the stomach.

Shee slept well at Saturday at night. But on Sunday morning, before shee was well awaked, she talked idly. Shee was ill all that day, and towards night shee died.

Her midwife was very free uttering her opprobrious words against physicians, saying, That they alwayes made work, wheresoever they came. But it had been more for her credit, if that shee had not made such ignorant struglings in the womb of this good woman, that was ruinated by her doings.

The Doctour, and his wife, being her Husband's mother, related these usages of her midwife's doings to mee, and of their daughter's death. And I suppose, That this old, ignorant midwife, in stead of the after-burden, took hold of some part of the neck of the womb, or of some other part thereabouts, and, mistaking her work, shee endeavoured to pull that away, which shee had hold of. And that shee had made excoriations, and bruises in the womb with her fingers, and nailes, from whence issued these noisome fluxes, shewing that the womb was mortified. Of this opinion was her Father in law the Dr. and that the after-burden was not drawn away by her skill, but rather, in part, expelled by nature's enforcement.

After the child is borne, the after-birth is a useles, dead piece of

flesh. It cannot slip away, if that the midwife gather it in her hand, or take hold of it with her fingers.

Strong blasts from the mouth, or bokenings, caused by the finger put into the throat, or coughing, or, most of all, sneezing hath oft driven forth the after-burden, without the midwife's essaies to fetch it.

And, without all doubt, when the midwife hath hold on the after-burden, and draweth gently, upon the enforcements of coughings, sneezing &c it will come away easily.

Mercatus lib. 4. cap. 4. fol. 521 inquit, Primò considerandum est, an incuriâ obstetricis, vel aliâ occasione, secunda intrò se receperit, et, an ab utero separata sit, aut alicui parti affixa Tum, quidem, ante aliud auxilium, sinistram manum oleo lilior. albor., aut dialthææ illitam in profundum uteri obstetrix immittat, et captam secundinam leniter alliciat. Quod si in ejus extractione, plurimum sanguinis fluat, laudatur karabe pulverizati ʒj in vino, quòd urinas moveat, secundas pellat, et sanguinem fluentem sistat. Præterea de numero eorum auxiliorum, quæ ad secundar. propulsionem plurimum valere comperimus, unum porrò sternutatio est, ut millies, experimento facillimo, confirmari potest. Dr. Harvey saith fol. 520, That the secondine being torn off from the womb, the greater part of the blood, which flowes afterwards, doth issue, not from the conception, but from the uterus it self.

I received this letter July the 17. 1670.

Sr

On Munday last was moneth, about nine of the clock in the morning, my wife had a miscarriage, I being then gone to London a day, or two before. And shee tells mee, That, about a fortnight after

her miscarriage, shee being very weak, and not very well at stomach, had some cordiall, and also purgative things prescribed, and, amongst other things, a certain quantity of Aron root, of which shee had not taken above twice, or thrice, before shee begun to bee seized with a violent flux of blood, which hath ever since come in great quantities; once, at lest, but, for the most part, twice in 24 houres, with many lumps, as it were, of clotted blood. Her distemper, as to the flux of blood, is not altogether so violent, as it hath been. But shee is very weak, sick at stomach, troubled with pain, sometimes in her armes, and, at other times, in her breast, and head. Shee takes very little sleep, and is much troubled with something, that seemes to arise from her stomach into her throat, and almost takes away her breath. Shee was never troubled with any fits of the mother, and shee tells mee, shee is certain that all came cleare away after the miscarriage. All which makes mee more doubtfull of the cause of her distemper, and very desirous of your advice in the busines. I would, therefore, earnestly intreat you, if, by any meanes, you can, to do mee the kindnes, as to come over hither, which I shall take as a great obligation. But, if any unavoidable occasions will not permit you to come at present, yet bee pleased to send mee such directions, and prescriptions, as you shall judge convenient. But, if, by any meanes, you can come, you can no way more oblige

Your affectionate friend

W. S.

I was not, at that time, permitted to go unto her. Before the Apothecary had prepared my prescripts, directed for her recovery, shee became well, and the flux of blood stayed a fortnight. After this time shee againe flouded violently.

Through my son's comming to supply my place, I was permitted to visit this worthy good woman. The day before I came the flux of blood stayed. Shee willed the women to keep, and to shew mee what came from her, the day afore, with the blood. They brought me a bason of water, in which severall skins, and lumps of flesh were swimming in the water. After this shee had no more issues of bloud.

Many good medicines bee blamed without any just cause. The cordiall, to which the Aron roots were added, was to comfort, and to strengthen the stomach, and to cleanse the womb.

And, had not these fleshy lumps, and skins come away, and so the womb purged of the remaining part of the secondine, in probability, shee would have fallen into severall distemperatures, and, at the last, some ulcer, or cancer, or mortification would have seized on the womb, and have ruined her body. I caused a larg plaister of crude Galbanum to bee laid upon her navel, to suppress the vapours.

I gave her, in the morning, the powder of prepared amber, mixt with the yolk of an egge, and a little nutmeg, to cleanse the womb.

To keep her body open, sometimes at night shee took a few graines of pil. cephalica magistralis, as graines three, to which (if more need required) a scruple of rhubarb powdered was added. This gave her two, or three stools the next morning, without any offence, not, any way, disquieting her body.

When shee could not sleep, shee took, sometimes, two, or three graines of pil. pacifica horâ somni.

This pil is a great cordial, it quieteth the raging humours, and

Remem-
ber the
Countess
of Che-
sterfield

stoppeth violent fluxes of blood, without hindering the cleansing of the womb.

Thus, through God's permission, and mercy, shee was soon recovered.

Though a great part of the after-burden was taken away by the midwife's hand, yet some part remained in her body, as was made manifest by the lumps of flesh, and the blood, which came, and issued from her after so long a time.

It also comforteth a weake, consumptive body, and keepeth the woman from miscarrying; but when labour approacheth, it then doth not hinder, or put off labour, but helpeth the woman to bee more easily delivered.

Goodwife Menil.

Fluxes of blood, before, in, and after delivery, bee dangerous, and hazard the lives of severall women; and, as some live, so many perish of this infirmity.

Fluxes
of blood.
1

Alice, the wife of Edmund Fern, of upper Bonsall, after two moneths going with child, had the reds appearing on her, after the usuall manner of monethly courses, for foure moneths together, but they ever stopt at night.

Then, after this time, every three weeks, and that in abundance, yet they stopt alwayes at night.

About a fortnight before her labour, shee had the reds, flowing for three dayes together very many, every morning, but they alwayes stopt at night.

Shee had some grumbling pains Sep. the 24 1661. Her waters gathered, and flowed Sep. 27, breaking without enforcement. After this shee continued in paine.

I came to her September the 30th, about foure in the afternoon, and found her weeping, and walking in her house. All these passages shee related to mee, despairing much of her life, and still continuing in pain.

I desired her to lie down upon her truckle-bed, and covered her with a blanket. I anointed her back with oile of charity, and laid emplastrum de smegmate on it. I anointed the anus, and the birth-place with Balsamum Hystericum, and found, that, with straining, shee had much thrust forth the piles.

I conveyed a spoonfull of Balsamum Hystericum to the mouth of the matrix. I gave her a clyster of milk, made with sugar, turpentine, and the yolk of an egge, in respect that the birth of the child seemed to bee far off.

But shee could not keep it. Her paines increasing, I conveyed more of the Balsamum Hystericum into the passages of the womb.

Quickly, after this, shee was delivered, and was troubled no more with any flux of blood.

Being put into her bed I gave her a spoonfull of oile of charity. By it's virtue, shee was freed of all the sufferings of the after paines.

The child was weak when it was born, and some of the women would have it dead before shee was delivered.

I dissolved hard white sugar in small cinamon water, and, after-

Balsamum
Hystericum.

Oile of
Charity.

wards, put some Balsamum Hystericum to it. I gave it a spoonfull of this mixture. The child recovered, and that night was christened, and was named Mary.

I heard from this woman three moneths afterwards, and, then, both mother, and child were living, and in good health. Such a variable, and continuing flux of blood I never heard of afore, and that both lived.

2

Saturday Feb. the first 1667, Mary, the wife of Roger Faring, of S. Alkman's parish in Darby, being great with child, flouded, and complained of great pain, that girded her under her stomach, which was removed by an ordinary clyster.

I gave her filipendula roots poudered, with white amber prepared, and a few graines of an unripe gall in a caudle, with nutmeg, and sugar. But the medicine did little good.

Shee flouded, with intermissions, five dayes ; and, the sixth day in the afternoon, violently, in great quantity, with clots of blood. It gave over for foure houres. At night, about ten of the clock, shee was suddenly delivered with little paine, and then shee lost more blood ; but it stopt of it self.

Her midwife endeavoured to bring away the after-burden, and had much lacerated it. But, fearing her life, left off farther proceedings.

I was again sent for. I fetched away a great part of it, and durst not struggle, or search any more for the rest. And, to prevent farther flouding, I gave her the white and yolk of an egge beaten together, and mixt with a caudle, to drink.

Shee oft fainted, but, by spirting aqua vitæ into her nostrils, shee

still revived. Shee looked very pale, and was thirsty, and weake, desiring drink. I gave her again the caudle with the egge. Shee continued all that night sickish, and fainting; but was still preserved by spirting aqua vitæ into her nostrils.

About two houres after my comming, I gave her pulvis Castorei compositus with mithridate, and more caudle to drink. Shee was, in a manner, senseles, but revived much at the taking of the medicine. Shee slept well the latter part of the night. The next morning, the other part of the after-burden came away, when shee made water. After the taking of the egge shee flouded no more.

Her child was weak, yet it did suck, and seemed to gather strength. It lived two dayes, and then died.

Though these children may seeme lively, yet they hardly live after flouding. But, for the most part, usually, they bee all still-born.

There was a young Gentlewoman after her delivery, that, all the time of her moneth, and, afterwards, lost much blood, with clotted lumps, which pashed from her, and this infirmity continued some seven weeks. I gave her the prepared powder of white amber, with the yolk of an egge. This medicine did little good. I added to it the powder of filipendula roots. It did not prevaile. At last I put to it the powder of an unripe gall, and, in thrice taking, it quite stopt the flux, and the medicine was thus composed.

El
Hu.

R pul. succini ʒj pul. rad. filipend. ʒss pul. gal. immatur. gr. vj ʒ
Shee took this in a caudle.

If need require, augment the powder of the gall. Remember Lucy Vaughan, abundance of great clotted lumps of blood.

3

In the yeare 1637

I was sent for by a right Honorable Countess, that had gone with child some twelve or fourteen weekes. Shee had suffered a flux of blood.

To prevent miscarrying I let her blood, and gave her astringent cordials, and juleps, intreating her Honour to stirre little, and to lie, or rest much on her pallet-bed. By this course the flux was stopt for a fortnight, and then it began again.

Her Honour was too squeamish, to her great prejudice. Therefore I desired my Lord to grant mee some assistance. So two Doctors of Physic were sent for. One of them conceived that the Countesse was not with child. But I imagined the contrary, and the event proved him deceived in his opinion.

Hatton.
Audly was
the other
Dr.

After some seven, or eight dayes they left her (as was supposed) indifferent well. But that afternoon, shee grew ill, and was all over her body very cold, and shivered.

I desired her Honour to be pleased to go into bed, and I put severall stone bottles, filled with hot water, about her, wrapped in napkins. These caused a great sweat, and, in it, came from her, ab utero, very noisome purgings, and a sharp feaver seized on her. I desired my Lord to send for her physicians again.

Hatton.

One of them came, and, after his comming, shee suffered a great flux of blood, and then hee would have her let blood again. At which my Lord was troubled. For this Dr. had formerly (but in private) informed my Lord, That I had don ill to let her blood, and that now (forgetting himself) hee would have let her blood againe. My Lord

would have had mee to have called him knave, for his private wronging mee, with his backbiting words. But I was silent, and did not obey my Lord's command, although he deserved ill at my hands.

At this Doctor's command, her arm was bound, and I ready to open the vene. But her Honour willed us to forbear, and to retire. So I loosed the ligature.

Shee used her close-stoole, and filled nigh a fourth part of it with blood, the which the Dr. seing, he desisted from letting her blood.

This Dr. gave her, sometimes, purges, at other times, cordials. And, I think, hee was puzzled in his judgment, for that shee continued flouding, but not in so violent a manner.

And shee oft avoided some small lumps of flesh, with severall substances, like the stalkes of raisins, hard, and blackish, the which I shewed to him, and desired to know what these might signifie. But hee would give mee no answer, not knowing what to say, or think. After this followed much griping pain in her belly, whereupon it was anointed with the oile of mace, and sweet almonds, and the oile of nutmegs. And, afterwards, was applied a pancake, by his directions, made of twice so many yolks of egges, with half their whites, in which, by beating, was mixt some caroway seeds bruised, and turpentine, and so fried in a pan with butter, and oile, without stirring, which, between two thin linen cloths, was applied warme to the belly. And that day came from her an abortion, putrefied, having the armes and legs rotted off. Afterward came severall lumps of the after-birth with blood. Shee suffered severall relapses, but, at last, her Honour was recovered, and, afterwards, shee conceived again, and, in due time, had a son, now living, Anno 1669.

4

A brother in law, a very loving friend, and a well-wisher to his wife's sister, came behind his sister in law, and, in a sporting way, putting his hands under her armes, and breasts, lifted her from the ground, and gave her two or three jogs, or shakes. Shee, being then with child, within few weeks afterwards, shee flouded, and, so miscarried. And this affliction did adhere unto her body, and nigh the time of her delivery, shee alwayes miscarried of severall children.

So it is made manifest, That any violent motion is hurtfull, and dangerous to women with child.

Being great with child, and having not long to go, shee came to mee, in hopes, to prevent this miscarrying. I was not willing then to trouble her with medicines, but promised her to use my best endeavours for her delivery.

Not long after, shee sent unto mee, to let mee know, That her waters were broken; but, for that Shee was in no pain, shee permitted mee the favour to keep my bed.

Some foure houres after I went unto her, about nine in the morning, and, finding her to rest quietly, and void of pain, I was not willing to trouble her, but I onely desired to see some of her wet closiers. Shee brought forth one full of blood from her body, (the which shee supposed had been but wetted with her water) and her bed, and linens were filled with much blood. Whereupon I removed her into a dry bed, and the flux was stopped.

Two, or three dayes after I delivered her, but the child was borne dead January the eighteenth, 1665, the which, I conceive, perished in the flux of blood, that shee last suffered.

I sent her case unto a worthy Gentleman, being a learned, and expert Doctor in Physick, and hee returned answer, That there would bee but small hopes of better succes, and that shee was ever likely to miscarry.

It was my good hap to read a story in this kind, and I resolved to make use of it.

And, contrary to hope, after that shee was again quick with child, according to my Auctor's prescript, I gave her twice a week a strengthening trochise, that was, withall, a little purging, which gave her two, or three stooles those dayes, that shee took it, purging gently, not at all disquieting her body; and a drying diet drink, which shee drank of every day.

Shee went forth her full time, and was freed of flouding, and of the danger of miscarrying, and was happily delivered, by her midwife, of a living daughter, that, at this instant, is strong, and spritefull, and, in probability, likely long to live 167½.

Since that time, shee conceived again. I would have had her to have used the same medicines the second time, but shee was not willing to follow my requests, yet shee went forth her full time without any issue of blood, and was delivered of another daughter, that was born alive, but the child, being weake, it lived about eleven dayes, and then died.

I beleeve that this weak child might have lived, if that shee had taken the same course the second time, as was desired.

My Auctor mentioneth the same passage in his report, Hee would have had his patient to have taken the same course againe the fifth time,

5
Win-
stand-
ly.

but shee hearkened not. So when her time came, shee was brought to bed of a dead child.

February the 12 1668 I came to a Gentlewoman, that was gone some twelve weeks with child. Shee had suffered a great pash, or flowing of the reds, but it stopt of itself that night. I stayed with her six dayes, and, in all that time, shee was no way disquieted in her body, and so I returned to my house.

Some weeks after this, shee had some small dribblings of the waters, and was perswaded, by the midwife, that this watery flux was no more, but what was familiarly incident to women with child, and that shee would do well with it. Upon her assurance, neglecting her owne safety, shee took a journey, riding in her coach, and went to visit her friends, and kindred in the April following. Upon this journey, the waters issued in a larger quantity, and so increasing by the space of seven weeks. After her journey shee miscarried.

June 22, 1669.

A worthy, good woman, having gone six moneths, or longer, with child, whether upon a fright, or otherwise, had on her a dribbling of the waters for severall weeks continuance. Shee acquainted nobody, but her midwife, of this her infirmity, for which her midwife gave her drinks, assuring her, That this flux was nothing else, but the whites.

Midwife
Heywood.

But this flux continuing, and daily increasing, did cause an abortion. Her midwife made a great bustle to fetch away the after-birth, and, with her strivings, shee caused a flux of blood.

The midwife's doings put this Gentlewoman to much pain, where-

upon this good woman, with others of the company, desired that I should bee sent for.

At my comming, the midwife told mee, That shee had brought part of the after-burden away, and that shee feared that the other part was left in her body.

Some of the women thought that I would have made a new searching for it. But I did not offer any such thing, or doings.

I desired her to keep her bed, and to lie warm, and quiet, and, when shee could, to sleep. I also willed her, if that shee felt any pain in her belly, at that time to hold her breath, and gently to force her self, as though shee would endeavour to breake wind, and, at those times, to stroke down her belly.

In the morning, after this night's rest, shee was desirous to make water, at which time the other part of the after-burden came away, and dropped into the chamber-pot, and shee since is well recovered.

When waters issue, and dribble long, bee assured that the membranes bee thin, or are cracked, through which the waters leake; and, if it will not bee stopped, abortion will assuredly follow. Shee hath beene since delivered of a living son.

Dr. Harvey saith fol. 521

I have often seen waters burst forth in the midst of the going with child, without abortion, the child remaining safe, and strong, even to the birth.

But hee maketh no mention, what the event may prove, if it continue any time.

6

Liver

May the twenty third 1669 Mrs Mary Mercer had a flux of the reds. Shee sent unto mee, and desired my directions. But, afore her messenger returned, the flux stayed, so shee took nothing at that time.

Shee flouded again June 22 violently, from ten in the morning, untill foure in the afternoon, at which time came from her *a lump of flesh*, resembling a chicken's liver, and then the flux ceased. I came to her about twelve that night, and her mother shewed mee this lump of flesh.

But her paines continued, and would not suffer her to sleep, or to take any rest. The next morning shee cried out of the pain in her belly, and back.

I thought that shee might bee in strong labour. After searching, I found the womb open, and the child unbedded. Within a little space, afterwards, shee was delivered, by her own strength, through nature's enforcements, of a very little child, which was living, and forthwith baptized. It was wrapt in clouts, not otherwise dressed, and laid aside, supposed to bee dead, presently after that it was baptized.

But an houre after it was heard to cry. Then more care was taken to put it into warmer cloths.

This child was very small, and about some thirteen, or fourteene inches long, of which shee miscarried about the sixth moneth.

The child would suck milk, and water, mixed together, from a spoon, and died between seven and eight the next morning, about the same houre, in which it was born.

I beleeve, That, in these fluxes of blood, and driblets of water,

that the womb is alwayes open; If water issue onely, then the membranes to bee cracked, or grown very thin, and so, leasurely, the water leakes forth.

If blood onely, then some part of the after-birth to bee loosed, and separated from adhering to the sides of the womb.

When blood issueth forth in a larg quantity, it is good to deliver the woman speedily. Otherwise, through the long continuance of the losse of much blood, the woman is likely to perish.

I conceive that the circulation of the blood, passing through the venes of the secondine, (called the placenta uterina) being separated from some part of the womb, and having their orifices laid open, do cause this flouding; for that the flux ceaseth, when that the placenta uterina is totally separated, and drawn forth of the body.

Fluxes of blood too frequently prove fatall.

I knew three good women, the first flouded 1665, the second flouded 1666; The third flouded 1667. And this flux of blood continued, with some intermissions, for three, or foure weekes. These women hoped, that the flux would have ceased of it self. But, through the oft returning, with the losse of much blood, they all (seeking for no help) died undelivered, none mistrusting any danger of death.

If the flouding come from the outward part (or the vagina uteri) the womb is closed, and the woman hath no throwes, or likelyhood of delivery, having no paines.

In this case, it is not needfull to meddle with the woman, by using forcible wayes to cause delivery.

Mrs.
Benbrick
Gilbert
Okeover
7: 8: 9:

But you must proceed to medicines, internally, and externally used, or applied, to coole the body, and stay the flux of blood ; in which, before the evil hath had too long a continuance, take the counsell of a learned Physician.

I knew a learned physician, that used such prescripts, as followeth.

R aq. plantag. liss. syr. de symph. de corallis āā ʒj syr. de papav. et portul. āā ʒs ʒ fiat julap. capiat ʒiij pro vice, horâ qualibet tertiâ.

Emplastrum ad herniam q. s. cujus circuitus obducatur galbano. Applicetur umbilici regioni statim.

R mosch. gr. ij cons. flor. consolid. q. s. fiant pil. et deaurentur statim.

R bol. Armen. et lap. Hæmatit. subtilissimè pulv. āā ʒs. sang. draconis, succi alb. coral. rub. pp. āā ʒj s. a. fiat pulvis subtilissimus, add. sacch. rosati ad pondus omnium, pro vice capiat ʒj. statim a sanguinis missione, et repetatur hora somni, et sic postea mane, et serò superbibat haustum posset. decoct. fol. plantag. et symph.

Horâ somni sumat Diacod. ʒs in haustu posset. prescript. assumendo priùs dosin pulver. prescript.

Hee alwayes caused to bee in a readines thin cinamon water ʒiij. Also sp. castor. ʒs.

The juice of mints, boiled in water, and sweetened with fine sugar, and drunk three dayes together, cureth the pain in the belly, and colick, and stoppeth the inordinate issue of menstruous blood.

By the counsell of three Doctors in physie this prescript following

was prescribed for an Honourable good Lady, that was troubled with great weaknes, and too abundant over-flowing of the menstruous courses.

℞ coral. rub. et margar. prepar. āā ʒij lapid. Hæmat. ter. sigill. croci Martis āā ʒij oculor. cancr. ʒj spodii eboris āā ʒjs ol. nuc. moschatae per expressionem gut. iiij sacchar. ʒiiij aq. rosar. q. s. fiant tabellæ.

The juice of bursa pastoris, given to drink, is much commended by women to stay this flux.

Pulvis Stegnoticus Dⁿⁱ Caspari Guttuarii descript. a Philippo
Hectistetetero fol. 2.

℞ succin. alb. pp. corn. cerv. usti āā ʒi lapid. ætit. nuclei interioris ʒj lapid. hæmat. pp. corallor. rubror. solutor. terr. sigillat. veræ āā ʒj Corneoli pp. ʒj omnia in pulverem tenuissimum redacta ʒ Dabit adultis in magno fluore, maximè post partum, drachmam unam, in aliis tantundem. In dysenteriis, etiam diarrhæis, et aliis fluxibus, aut hæmorrhagiis, junioribus drachmam semis. aut pro ætate, eum convenienti.

℞ pulveris stegnotici ʒj aq. plantag. utriusq, burs. pastoris, tormentil. āā ʒj tabel. manus christi perlatae ʒs ʒ fiat haustus. Terribilem sanguinis fluxum a quovis loco sistit. penis 12.

Quidam felicissimè usus est syr. de plantag. simpl. in penis hæmorrhagiâ sine febre et calculo, ubi, ob dilatat. colatorium, sanguis fluxit. Est omnis hæmorrhagia in tali casu maligna calamitosa imò sæpissimè lethalis.

Laudavit olim magnus ille Pharmacopæus Sigarhes junior syrupum de plantagine compositum in hæmorrhagiis, cujus hæc est descriptio.

R succ. plantag. ℥viij aq. rosar. li. ij spodii, nucis cupressi, balau stior. sumach, sang. drac. gum. arab. mastiches, olib. gallar. hypocaustid. eboris, lapid. hæmat. āā ℥s sacchar. q. s. fiat artis lege syrupus. Philip- pus Heckstetterus in casu tertio in nimiâ hæmorrhagiâ narium, et penis lethalis fol. 10.

Dr William Sermon fol. 150 of the English midwife saith

R of the distilled water of hog's dung 4 spoonfull at a time, iij or iiij times. Or give to the woman foure or five graines of the ashes of a toad in the water aforesaid, and it prevaieth, when no other medicine will take place, and will stop any other flux of blood, taken, as aforesaid. With this very medicine, hee saith, I have cured many, by giving it in- wardly, and by blowing it up into the nostrils of such, as have been, as it were, dead by bleeding at the nose. And it is as safe as new milk, if it bee well prepared.

[Traga-
canth]

And fol. 152. You may, with a syring, inject the juices of comfry, and plantane into the womb. Or, dissolve a small quantity of gum Dragon, and gum arabick in plantane water, and inject it into the womb. Or, take amber, dragons blood, sealed earth, pomegranate pils, fine bole, galls, red roses, frankincense, comfry roots of each a like quantity, make them into fine powder, and, with the juice of comphry, make it into a past, mixing therewith a little cotton, and make a pessary thereof, about the length of a woman's finger, and put it up into the womb. This doth not onely stop the violent flux of blood, but also contracts the secret parts to the same narrownes, as they were before the bringing forth of the children.

[These bee the sayings of Dr W^m Sermon, in whose English mid-wife, or Ladie's Companion, bee severall good notes, worthy to bee taken notice of, and followed by such, as know how to make use of good medicines.]

Mrs. Jane Sharpe commendeth a strong decoction of the roots, and leaves of plantane, after that it is clarified with whites of egges, and made into a syrup. Dosis, a spoonful, or two, in violet water, or water of lillies. Fol. 206 : her 6 book.

“Ex libris nemo evasit artifex no man becomes a workman by book. So that unles they have had some insight in the art, and bee, in some sort, acquainted both with the termes of art, as also with the knowledg and use of the instrument thereto belonging, if, by reading this, or any other book of the like nature, they become chirurgions, I must needs liken them (as Galen doth another sort of men) to pilots by book onely; to whose care, I think, none of us would commit his safety at sea; nor any, if wise, will commit themselves to these at land, or sea either, unles wholly destitute of others.”

At all times, the losse of much blood, or flouding is dangerous in women with child, and in severall of them, both mother and child have perished.

In the year 1632 I was sent for to a worthy good woman, being great with child. Shee had an issue of blood, not continually, but oft flowing from her. In probability, it came from the venes in vagina uteri. Shee had a good, fresh countenance, and was the mother of many children.

That night, in which I came unto her, I intreated her to bee

pleased to take a mollifying clyster, to facilitate her birth, and to coole her body. For, at that time, shee had the issue of blood on her.

But shee was unwilling, and desired to bee quiet that night. Before morning, shee had lost much blood, and, in the morning, the waters flowed, and, then, the issue of blood stayed. Shee was very faint, yet, in her weaknes, the child had entered through a great part of the bones, and would come no farther by nature's enforcement, nor was shee any more releev'd by her midwife.

Being much moved by the Knight that brought mee thither, as also by her good, and loving Husband, being unwilling to use any violence, I objected, what if the child should bee alive? Her husband prayed mee to use any meanes to save his wife's life, and a Priest, standing by him, willed mee, whether the child should bee living, or dead, to proceed, not valuing the child's life, saying, That, without all doubt, the child already was, or shortly would bee a Saint in heaven. Where-upon I went unto the Gentlewoman, and with her desire, and consent, I drew the child with the crochet, and shee was quickly delivered. So soon as shee was delivered, shee desired Dr. Mountford's water, and drank a draught of it. Shee did not floud afterwards, yet fainted away by degrees, and died some five houres after in the night, through the losse of much blood, which, formerly, shee had suffered.

The child was dead before I drew it. The child was faire, and great, and it had no ill savour, and it was not, in any part, flayed, or the skin gon off the body.

Goodwife Oldam, a fisherman's wife in Darby, 1634, for severall days together, nigh the time of her travailing, lost great store of blood, having no throws, or pain, to move delivery.

Towards her ending, I was called to her, and, seing her fainting, and her spirits spent, and finding no pulse, or one very weake, I gave her a cordiall, but I told the women, for all that shee was very sensible, that, through the losse of her blood, shee would quickly die. The women did not beleeeve my words, the which they found true within the space of three houres following.

After her death shee was opened. In the small bowel ileon was found a double convolvulus, which made her oft to vomit. It troubled mee much afterwards, that I had forgotten to search whether the orifice of the womb was open.

I suppose that it was not opened, for that shee had not any pain, or signe of labour. A great child was found in the womb, inclosed in the membranes, and swimming in the waters; which (too late) caused mee to doubt, whether this issue of blood came per uteri vaginam, externally; or internally, ab utero.

If the flux of blood come from the vagina uteri, I suppose the aforegoing cordials may do some good.

But, if the flux of blood come from the inner part of the womb, the midwife, or chirurgion, sliding up his anointed hand into the first entrance of the naturall parts, must take out all the clots of blood, (if there bee any to bee found) before hee endeavoureth to deliver the woman.

Afterwards, if that the inward neck of the womb bee not sufficiently dilated, then shall hee, as gently as hee possible can, and without violence, anoint those parts with fresh butter, or rather use Balsamum Hystericum, and then, with his fingers, to stretch the os uteri by little, and little, untill hee can put in his hand into the womb.

Mrs
Anson.
3

If the waters bee not broken, hee needs not to bee afraid to let them forth. Then, presently, if the child commeth with his head foremost, hee shall turn him (in the woman's weaknes) to find his feet, and so deliver the woman speedily by the child's feet, as hath, in severall places, been directed.

I was sent for into Staffordshire, to visit a woman, that had sometimes flouded, but it was stayed October the eight 1668.

The ninth of October shee had a pash of blood in the morning, and another about foure in the afternoone; but, with astringent, cooling medicines, the flux was quickly stopt.

The rest of the day, and night following, all things succeeded well.

October the eleventh I was sent for by an Honourable Lady, big with child, to whom I had been formerly engaged. This sudden newes did much trouble her, and all that day, afterwards, shee had moisture comming from her, but no blood.

Shee thought, that shee should have gone two, or three moneths longer; and, upon my assurance, That I would not stay much from her, and that I would not forsake her, but that I speedily would return again, shee was chearfull, and took good rest, and slept well all that night, and the issue was stopt, and her linens about her were very dry the next morning, and shee, fearing no sudden danger, permitted mee my liberty to go to this Lady.

So I came to Darby October the twelfth. But, about foure a clock that afternoon, shee again flouded, and so continued all that night, and the next day, losing much blood.

That night I was sent for again, and came to her about foure in the afternoon, October the thirteenth.

I found all the women lamenting, and, with her, two Doctors of Physick, giving her cordials to support her spirits, and three midwives to assist her.

Shee was very cold; and her pulse was gone, yet very sensible, rejoycing to see mee, and desirous of help.

I certified the Physicians, and midwives, with the rest of the company, privately, That I beleaved, That shee would not recover, being thus weakened, through the losse of much blood.

Yet, in this extremity, I told the Physicians, and the midwives, that it was the best way (if possible) speedily to deliver her; and that it was the onely, and last refuge left to save her life. To my opinion the midwives and physicians forthwith consented.

Whilest that shee kneeled, I placed my self behind her, I slid up my anointed hand, I found the womb a little open, yet so narrow, that I could not well put up my finger. But, with my fingers closed together, I supplied the use of a speculum matricis, and easily dilated the orifice of the womb; which, without any struggling, in a trice, (to my great wonder) sufficiently opened. I forced open the bed, in which the child was involved, by tearing the coats with my fingers, and the waters issued. I quickly brought forth the dead child by the feet, without struggling, or trouble. And the after-burden was as easily drawn away, and shee flouded no more. The child was not at perfect growth.

Nevertheles the cordials proved too weak to reinforce heat, or strength into her body, or to restore her pulse. Shee fainted more, and

more, by degrees, and, about an houre after her delivery, shee fell into her last sleep.

Flouding doth most endanger the mother's life ; the driblings, or issue of the waters, the infant, and either, or both may bring (if not helped) a ruine to the mother, and the child.

After her death, I was much troubled, and grieved, That I was so unfortunate to leave this woman for so short a space.

I, therefore, intreat, and advice all midwives, not to leave their women, if they find them apt to floud, and not to suppose the danger past, although it seemeth to bee quite stopped ; but to consult with physicians, what is best to bee done, and to remember,

That the oftener the flouding returneth, that the more danger it threateneth, and that the sooner it will come againe.

And that, whensoever their women have fluxes of waterish humours, mixed with these intermitting pashes of blood, to suppose, That they will not stay long before that they fall into travaile, or some other danger, if not delivered.

And, whensoever the blood issueth in great abundance, to endeavour without any farther delay, or consultation, speedily to deliver the woman by the child's legs, otherwise, both mother, and child will perish together.

As I have said, so still I conceive, that the cause of flouding is the separating of some part of the after-birth from the sides of the womb, and when these venes bee emptied, that then the flux stayeth, untill, upon repast, they bee againe filled, and then these venes, having their mouths open, do floud, and so will continue flouding, by intermissions,

untill the foetus bee produced, or the woman, through losse of bloud, bee deprived of her life.

Therefore, in this sudden, sad, and deadly condition, the best way to save life will bee, speedily to open the womb; afterwards, to break the membranes, or coats, in which the infant is inclosed, and, by the child's feet, quickly to deliver the woman, and then to fetch the after-birth.

Otherwise, the mother, with the child, will perish, through the continuall losse of blood; and it is not possible, in this case, otherwise to releve the woman. Cordials will afford small comfort. It is delivery, and only delivery, that must do the deed. See Guillimeau.

After delivery, these issues of bloud ab utero stop of themselves.

There was a Gentlewoman in Darbyshire Anno 1667, that, about the thirtieth week of her going with child, began to floud, with severall intermissions, stopping oft for a week, or longer time. Thus shee continued for the space of five weeks, or longer. All which time shee sought for no help, but trusted to her midwife's ignorant skill. At last, through continuance, these fluxes came the oftener together.

January the twenty ninth day shee violently flouded. It stayed January the thirtieth, and, in the one and thirtieth day, shee avoided severall stinking clots of blood, and fainted.

I was from home, and too late, a physician was sent for. Hee gave her cordials, but they nothing availed.

February the first, about eight in the morning, the flux stayed, but her spirits being ruined, through the losse of blood, shee died that day (undelivered) about twelve of the clock.

Mrs.
Ok.
4

5

I was called to Sarah Cordine a vintner's wife in Darby 1663. Shee having flouded a week, or longer time, when I came to her, some of her kindred thought that shee was in no danger, and desired mee to direct them some cordials, to give her.

I told them, That they had deferred time too long, and that I much feared her weaknes. Shee was weak, and much spent with her sufferings, which made mee unwilling to lay her.

But, at last, being much intreated by her self, and her friends, to help her, I thought it not my part to forsake her dejected, and languishing, and to leave her with uncomfortable prognosticks. After that I had placed her kneeling, being behind her, I put up my hand, well anointed, and I found the womb open. I presently brake the membranes, containing the waters, in which the child was bedded, and drew the dead child forth immediately by the feet. The dead child was of no great bignes, and it was not, in any part, altered or corrupted.

After the delivery, shee spake chearfully to mee, and to her friends, and seemed to bee much releevd. To comfort her spirits, and to restore her weaknes, I was prescribing some directions. But a sudden, unexpected faintnes, comming upon her, stopt the use of my prescriptions, and terminated her dayes.

And thus experience maketh apparent, how necessary it is, speedily to deliver a woman with child, when a flux of bloud, or convulsions do go afore the birth, or that they accompany the woman's body in time of her travaile, and when shee will not bee saved by ordinary medicines. These fluxes of blood, and convulsions usually cease after the woman is delivered.

After delivery, sometimes, though seldome, fluxes of blood happen to women ; immediately, or not long after, following the birth. I have known a few, that have recovered these fluxes ; but I have heard of many, from midwives, and other women, that they have died of them.

I hold the flux of blood deadly after delivery, if it bee great, I never heard of any woman, that escaped, but that they all perished.

I was sent for June the fourth 1662 ; to come to a woman, dwelling at Wavertoffe, nigh Castle-Dunnington. Her midwife could not deliver her.

The arme came first. I turned the birth, and shee was soon delivered of a living child, by the child's feet. That night shee had a great pash of the reds, and so every night, or other night.

They hoped, that shee would have amended, and, not taking many medicines, nor so carefully attended, as might have been, within a fortnight shee died of this infirmity.

After a troublesome labour about 1638 I was sent for to a woman to Kyrk-Halam. I delivered her, and, to my thinking, shee was safely laid in her bed, and so I went from her. How it happened, I know not, but, afore the next morning, shee flouded, and so died.

By a good woman I had this report related to mee. A kinswoman of her's, a minister's wife, after delivery, had a draught of burnt muscadine given her. It set her a coughing, and that brought a flouding on her, of which, within two houres, shee died.

To releeve, and help the danger of flouding, the complete midwife's practice ordereth to give her the yolk of an egge. For that recalls the naturall heat to the stomach, which was dispersed through

The
Arm.
6

7

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the whole body. Also, to dip a napkin in Oxycrate, or vinegar and water, and to lay it all along the renes of the woman's back. Or to lay upon each groine a skene of raw silk, moistened in water.

Mercatus de immodico sanguinis fluxu post partum lib. 4. cap. ix fol. 527. hæc habet verba.

Verúm si immodicissima fuerit sanguinis profusio, ad quæq. auxilia, quantumvis gravia, deveniendum; ac satius quidem existimo, malum aliquod utero, aut toti corpori inferre, sanguine suppresso, quàm, in vitæ desperatione, dubium periculum vereri; præsentì, et graviori, posthabito. Quamobrem scito, nil hujusmodi profusionibus citius subvenire, quam viriliter comedere, ut et calor revocetur, et natura distrahatur, alliciaturq. ad confectionem alimenti.

Sine respectu, aut uteri, aut totius corporis, in vitæ desperatione, cæteris omnibus posthabitis, ad extrema confugiendum, præsertim, cùm subsequèntia mala curari postea possint. Ronchiuus fol. 195.

Reynold, the Physician, layeth linen cloths, dipped in vinegar, on the belly, between the navell, and the secrets, and giveth of the electuary Athanasia Micletæ ʒij in plantane water.

Hartmanus Corbeias adviceth to pulverize the root filipendulæ ʒij, and to give every day a drachm of it in the yolk of an egge.

Also hee commendeth Rad. mori with red wine.

De radice filipendulæ, inquit, dabo, quòd sanguinem, ubicunq. fluentem, præcipue ex utero, efficaciter sistit. Every morning a drachm must bee given with the yolk of an egge.

Mercatus commendeth the taking of a drachm of the powder of

white amber; for that it moveth urine, and expelleth the secondine, and stoppeth the flowing of blood.

One Mrs Flower assured mee, that amber powdered, half a drachm, and mixed with a little nutmeg, and given with the yolk of an egge, and so supped up, and, after it, to drink a little glass-full of muscadine, stoppeth the reds too much flowing, and that shee had cured severall women with this medicine.

With Mrs Flower's medicine I helped a woman in Fleet-street, at London, giving it in a caudle made strong with yolkes of egges, and a little mace. It was made with ale.

But, I beleeve, in all these, there was no violent flux of blood, where these medicines prevailed.

But, where flouding issueth with a streame, I shall not easily bee perswaded, That filipendula roots, or succinum with yolkes of egges, or such like, will at all availe.

I shall give more credence to the dung of asses, or stone horses, or of hogs, internally taken, and outwardly used in pessaries; or cataplasmes of these, mixed with vineger, and so, in cloths, applied to the region of the belly. Vide Sermon p. 260.

Many have perished through this sad accident, and usually it proves fatall to all women.

If possible, I heartily could wish, that some worthy practicer would bee pleased to direct some powerfull wayes, or medicines, to bridle this raging, destroying evil. Women would have cause to acknowledg his worth, and all succeeding ages would give him thanks.

This evil is never thought on, but when casually it happeneth, so that then convenient medicines bee to seek, and ever wanting. Some practicers say, That it commeth through putrefaction of the membranes, or through the breach of a great vene, adhering to the secondine. I feare, That, through the narrownes, and depth of the place, in which the breach is, that astringent medicines cannot well bee applied in pessaries, to reach the place. I confesse my ignorance, and I beleeve, That there is no other, but God alone, that can do this work, to help the woman. I suppose that astringent injections may bee somewhat available.

Riverius pro fluxu immodico post Abortum cent. 1. obs. 96.

Quædam mulier, post Abortum, a sanguinis fluxu immodico summam virium dejectionem patiebatur. Illi præscribo frictiones, et ligaturas superiorum, cucurbitulas sub mammis, epithemata, et pullos columbinos, fots manuum cum vino calente, in quo confectio Alkermes dissoluta sit, et sequentem potionem.

R aquar. plantag. naphæ, et rosar. āā ʒi syrup. corallor. ʒi salis prunellæ ʒi sanguinis draconis ʒs misce, fiat potio; quæ statim fuit exhibita, et inter horæ quadrantem dolores ventris, et lumborum quieverunt, et fluxus imminutus est, ut aliis remediis non indiguerit.

Dr. William Sermon in his English midwife fol. 150. Vide 260.

Convulsions.

Convulsions bee dangerous to women with child, and, in these fits, some women perish.

I was desired to visit a Gentlewoman, not nigh her time of delivery, that some times was afflicted with convulsions.

Of a sudden, they seized on her, and then shee lay, for a small time, senseles, and without motion. Presently, afterwards, her face, mouth, and jawes would bee fearfully moved, and pulled awry, and her eyes turned upwards.

Sometimes, for a little space, these convulsions were not so violent ; yet, during the time of her suffering, shee was senseles ; but, after her comming again unto her self, when her fits left her, shee could not say that shee had felt any pain. All, that shee complained of, was, That shee felt a wearines all over her body.

This Gentlewoman was young, and passionate, and was always feeding on good meat, or broths, or restorative cullices, gellies, or such like ; and ever carried bisket bread, with dried suckets, and cakes, almonds, and raisins of the sun, in great store, in her pockets, with which, both walking, and sitting, or playing at cards, shee liberally filled her mouth, and kept her chaps in moving.

Shee went forth her full time, and recovered, and I never heard of any miscarriage, either in her, or in her child. But I beleve her unsatiable appetite did much occasion these her convulsions.

I knew another woman, that was delivered by a chirurgion, having the convulsive fits on her, her child perished. Being delivered, shee againe recovered her senses, and lived many years after, and was a mother of living children.

December the third 1671 Susan, the wife of Nathaniel Doughty, being in labour, had a clyster given her by her midwife Heywood.

Susan
Dough-
ty.

An houre after, shee fell into convulsion fits. After this affliction,

I was called, and the convulsion fits were upon her at my coming unto her, and continued all the time of her delivery.

I placed her on a bed, and would have put her body into a bending posture on her knees; yet, by reason of her convulsions, I could not bring her body to it.

Yet I obtained a foot, but, through the straitnes of her body, and the slipperines of the foot, and heele, I could not hold the foot, it still slipt out of my hand. The child being dead, I endeavoured to bring the head forth by the crochet, but it would not be thrust backwards, or drawn forwards by the crochet, but it remained fixt in the place. So that I could do no good by the head, in reference to the delivery. I was much amazed at it, and was full of doubtfull feares what to do.

I fixed the crochet a little above the ancle, and by it, with my hand, the foot was drawn forth so far, that I could well fix a ligature on it. By the ligature it was drawn forth to the buttocks, and I found the other foot stretched forth on the belly, the which was brought down by my finger. Afterwards, when it was brought to the neck, I put my finger into the child's mouth, and, by the help of a woman, drawing by the child's feet, the head was brought forth, and the after-burden was easily obtained; and her convulsion fits never left her, all the time of her delivery, nor severall houres after.

Being put into bed, at last her fits left her, and shee became a little sensible, but did not obtaine her perfect understanding, and thought that shee was not delivered; and shee continued stupid, and sottish, not recovering her understanding, and, two dayes after, died.

In her infancy, shee was afflicted with the rickets, through which infirmity, shee had an ill conformation of the bones. Shee suffered

severall abortions, but brought no birth to maturity, this onely excepted. The genitall passages were very narrow, and strait.

Through the convulsions shee was weakened, and so perished in her child-bed.

I was sent for to Boylston in Darbyshire by Ambrose Bayly, the husband of Dorothy Bayly. I was promised to bee paid largely, and thankfully for my going, in case that I would come unto him.

Doro-
thy
Bayly.

His wife was a young woman, supposed to bee in labour of her first child. In her childhood, and youth shee was much troubled with convulsion fits, and they had left her for eleven yeares January the 30 167 $\frac{1}{2}$.

January the 29 at eight a clock at night shee fell into convulsion fits, and, without any intermission, continued in them untill past one the next day, and senseles died in them. Within half an houre after her departure I came to the place, and found a company of Rooks about the house, and some at the Parsonage; in both places making an unhand-some (not dolefull, but) cheating cawing. Their voices, and doings were not pleasing to mee. Not liking their company, I went away that bitter, cold, frosty night. I found no civility in any of them, but in her mother onely, who was afterwards Mrs. ———.

Thomas Raynold the Physician saith in his treatise of midwifery, That an asse's hoof, or dung, put on coales, and the fume received under the labouring woman's cloths, will draw forth the child.

I have heard others affirme, That they have taken polypody roots, and, being bruised, and laid to the soles of the feet, they will do the same; and that they have tried this medicine of polypody roots.

Mrs Sharpe saith, That agrimony roots and leaves, bruised, and laid to the secrets, doth the same.

But, if any such thing hath, or can bee done, bee sure first to set the birth in a right posture. Otherwise the birth will bee the more obstructed, and so the woman will be the more tormented, and not at all releaved.

Observing Hippocrates first Aphorisme.

Vita brevis, ars longa, occasio præceps, judicium difficile, experientia fallax, neq. verò satis est, ea, quæ facto opus sunt, præstò esse, sed et ægrum, et eos, qui præsentés sunt, et res externas, ad id probè comparatas esse oportet.

Knowing his words to bee true, and that this Aphorisme may bee most usefull in the woman's bed, and the midwife's practice, I mention it.

For that I know women bee not born midwives, and that long time, with much practice, helpeth them to understand their callings; and, although they may bee expert in their wayes, yet their women may bee lost through negligent attendance, with want of necessities.

I have heard some midwives greatly to boast of their abilities. But, in their practice, they have shewed much ignorant simplicity, and, when, by their violent halings, and stretching their women's bodies, they could do no good to promote delivery, then I have been sent for.

Their doings affirme, Dulce bellum inexpertis; and, when occasion wanteth, that then wee think, that wee could performe wonders.

Whensoever I was called to women in distresse, I found it a dreadfull thing unto my thoughts, humano ludere corio, and I would

willingly have desisted from this practice, had not Johannes *Bohinus* victoriam clamans, et inquiens, satis commodè pedem unum reperio, altered my resolution.

[*Bauhinus.*]

Although severall women, with their living children, can testify, and have oft affirmed, That the delivery by the feet is nothing so painful, as when the birth commeth by the head.

What I have said, and have oft approved most true, that eminent person Dr Harvey fol. 491 in his discourse of the birth, hath confirmed in these following words.

Yet, notwithstanding, in abortment, and where the foetus is dead, and that there should bee an hard delivery any other way, so that there is necessity of handy work in the busines, the more convenient way, of comming forth, is with the feet foremost; for, by that meanes, the straits of the uterus are opened, as it were, by a wedg.

Wherefore, when the hopes of delivery relyeth chiefly upon the foetus, as being strong, and lively, wee must endeavour to farther his comming out with the head foremost.

But, in case the task is like to depend upon the uterus, wee must procure his comming out with his feet foremost.

By his sayings, I may well affirme, That the comming down of the arme, and all difficult births, whatsoever, will bee better laid by the feet, then by the head.

And, by this way, all over grown children may bee produced, where the passages bee straight, and narrow, and the womb left dry.

Being called July the eight 1667 to Church-Broughton, to deliver

Arme.

Elianor Kniveton, the wife of Gilbert Kniveton I found three midwives with her, and one of them had reduced the arme, with much torture to the woman. Their skill could go no farther, they caused mee to bee sent for. The child was dead, and the expulsive faculty of the womb was extinct. I placed her kneeling on a bolster; I quickly obtained the feet, and so, without throws, I quickly laid her, and shee soon recovered.

These midwives saw mee do it, and since, shee, with her husband, have thankfully acknowledged this my courtesy, at my house in Darby. And shee hath had another child since that time, now living. Anno 1669.

Arme.

The same birth happened to Mrs Mary Mercer of Church Mafield, a minister's wife in Staffordshire September the seventh 1667.

Severall midwives were with her, and one of them, with much trouble, had reduced the arme, but could proceed no farther to help her. I was sent for.

I soon delivered her, by the child's feet, of a dead child, contrary to all her midwives expectations, and her friends, there present, without any throwes, or expulsion from the womb.

After delivery, shee assured her midwives, that, in respect of her former sufferings, I had put her to no pain, but such as shee could well endure, and, with a chearfull, smiling countenance, shee gave first God thanks, afterwards shee thanked mee; and we all thanked God for her good delivery, and his mercy towards her, and shee quickly recovered. This was the first time, that I was with her.

I have frequently seen harsh, and unhandsome proceedings, used

by young midwives; and, sometimes, the older sort of midwives have not been excusable of their ignorances. I have known them both greatly to afflict their women, through their too much officious doings, which hath oft made mee much to pity their labouring womens sorrowfull sufferings.

Therefore, to instruct the former, and better to help the other, I have taken these notes, and observations, desiring to do good, and to help all women in distresse; returning my thankfull acknowledgements to God Almighty, for his severall exceeding great mercies to mee, and to severall afflicted women, that I have happily delivered, with the preservation of their children, by the feet.

I should rejoyce to see my work set forth more plainer, and easier, by the way of practice, for the delivery of women, for the helping and preventing a danger so great, ever dubious, alwayes attended with sorrow, and feare, and never free from danger.

I am fully satisfied, in my own thoughts, concerning these observations, and wayes; for that they bee approved by worthy men's opinions; and for that they bee also confirmed through the confessions of severall women, that I have delivered, as yet living in health, and enjoying themselves, and their children.

And, to conclude, it is my opinion, That, in all difficult, and crosse births, The onely way, and the ultimum refugium to save the mother, and the child, is, not to reduce the birth to the head, but to draw it forth by the feet, which may quickly, and easily, with safety, bee performed.

And severall women, that I have delivered of unnaturall, and difficult births, have, and will aver the same; shewing their living

children to confirme my deeds ; and both mother and child, by this way, preserved, and snatched from the jaws of death.

I know no cause, why their testimonies may not bee accepted, and bee beleaved, seing they only feel and undergo the sufferings, and dangers unnaturall births, and difficult labours.

Let reason, and experience plead for the truth, against self-conceited opinions. I have not fained anything in this my practice, or framed any plausible, dissembling untruths, in any of these observations and reports.

I onely testifie, de facto, what I have really performed, and there bee many living, that can, and will witness these my facts to have beene truly performed. And therefore I say, veritas non quærit angulos.

When fainting fits, in delivery, or after delivery, or in both, happen, they shew the woman to bee in danger. And, although these women bee succoured with great cordials, if, after releeving, these fits return again, oppressing the spirits, for the most part they end in death.

1

Jane, the wife of William Blood in S. Peter's parish in Darby, about 1641, being in labour, had fainting fits. Dr Andrew Morton did much comfort, and releeve her with cordials, and other medicines to cause labour, which was slow, or very little. Shee was delivered of two children. Shee had these fainting fits before, and after delivery, and, at last, in child bed, shee died in them.

Mrs
Smith.
2

A Gentlewoman, at Quinborrow in Leicester-shire, had fainting fits in her labour. Shee was delivered of a dead child. Shee much fainted, when the after-birth by her ignorant, fumbling midwife was endeavoured to bee fetched. I was compelled to help her, for feare

shee should have died under her hands. These fainting fits much weakened her spirits. Shee daily decayed by them, and, within the moneth of her lying in child-bed, shee died.

Through the motion of my honoured, good friend, Dr Georgius Bate, now deceased, I was sent for, to visit one Mrs Skink, dwelling in the Strand in London, Apr. the third, 1658. At my comming, I found with her Dr. Greaves. These worthy, good Doctors supposed, That some part of the uterine cake might bee left, or that somewhat was amisse in vaginâ vel ore uteri after her delivery. Upon searching, I found not any thing. But her body, in feeling, seemed coldish. They prescribed good hystericall Juleps, and cordiall electuaries, (fitting for her infirmity) to strengthen the vitall spirits, and for suppressing uterine vapours, and keeping the womb open with them.

At the first taking of them, shee was much revived, and refreshed, but, within a day or two, her fainting fits returned, and would not give place to medicines. Within few dayes after shee died with a loosenes.

I was with a very worthy woman, pious, and of courteous disposition, well given, and charitable May the 13, 1667.

Shee was well delivered by her midwife, and her sufferings, in her travaile, were not extreme, and the after-birth was, handsomely, without lacerations, fetched away.

This young woman, from her infancy, was sometimes troubled with fainting fits, inclining to the epilepsy, and had some grumblings of them in her labour. Shee was indifferent well for three dayes.

The fourth day, after her delivery, at her up-sitting, towards night,

shee began to bee ill, and, after midnight, fainting fits did much oppresse her.

I did much releeve her with an hysterical cordiall, composed of castoreum, gum galbanum, assa fœtida, and mithridate, to which was added ol. succini, and composed into pils with syrup of mugwort.

Then came, afterwards, her D^r to whose care I committed her safety, but, whatsoever was the cause, hee would prescribe nothing without my order, and directions.

These fainting fits did much oppresse her. They continued, without any intermission, sixteen houres, and every hour shee grew weaker, and worser. Her Physician gave her severall Hysterical Julapes, and cordials.

But death was too powerful to bee opposed. Shee fell into her last sleep the night following, being over-powered by her fainting fits May the 17. 1667.

I cannot imagine what might induce these fainting fits, shee being well delivered by her midwife, as she lay in her bed, and the womb freed afterwards of the after-birth, and shee having fitting purgations.

But the women have a custome to make an upsitting at the 4th day, and to repel the milk by outward applications. But, whether her arising at the fourth day, or the repercussion of the milk might help to induce these fainting fits, I leave to the more judicious thoughts of the learned physicians. But I like not such wayes, which little ease the paines in the repelling of the milk.

It is much better to draw the breasts, a small quantity at a time, now and then, when they swell, and begin to be painfull; and, after-

wards, to use Diachylon simplex for an emplaister. So will the paine be eased, and they freed of their milk.

Or, if the pain bee great, and the breasts much swel'd, and hard, then to take five parts fresh butter, and one part wine vinegar, and to melt them leasurely together, and to dip linen cloths into this warme mixture, and so to applie them to the breast, squeezing, somewhat, the moisture from the cloths. Thus they may bee freed of the paine, and trouble of the milke, without any danger.

I knew a Lady, that constantly did keep her bed a fortnight after her delivery.

And James Wolveridge M.D. a late writer in midwifery, in his book, *speculum matricis*, adviceth women to keep their bed five days, at the lest, after delivery. For hee saith, I know 'tis usuall for them to rise at three dayes end; but this to bee sure, the longer women contain themselves in their bed, the more secure they are from danger fol. 124. And I know, by experience, that his sayings, in this case, bee found very true.

The piles, caused by great straining in a hard labour, cause faintings, burnings, and shootings in Ano, and have disquieted severall women, depriving them of their naturall rest, and have driven them to sad complaints.

When anodyne medicines would give no ease, I have cured by bleeding with leeches, and so have instantly freed them of their tortures, and have brought great easement, and refreshing, by this way, unto their spirits, and bodies.

Some women, within an houre's space after delivery, will begin to complain that they bee not well.

If this paine continue, and their countenances alter, growing wan, and dusky, and that they, every day, grow worsen, and fainter, and that they seem mopish, and altered in their understandings, their recovery is to bee feared.

This affliction followeth many women after hard labour, and chiefly those, which have received bruises, or hurts in utero, vel vaginâ uteri, and they live not past a week, and usually they die about that time.

In Holborn, nigh the bars, at London, a Gentlewoman was bruised in vaginâ uteri, suffering a harsh, and long labour for severall dayes. And, although the after-burden was wholly, without any laceration, drawn away, yet, by degrees, shee fainted, and, within a week, died. Anno 1663.

It is not good to have the vaginâ uteri softish, like puffed-past, or dough. If, casually, at unawares, the midwife's fingers make any impression in it, either in the woman's labour, or whilst that shee endeavourerth to fetch the after-birth, it suddenly bringeth an alteration, and decay in the woman's body, and, oft, it endeth in death.

Thus have I known some women to perish; and the woman, without much paine, or complaining, will strangely fade away.

Sleepy.

Goodwife Jackson, of Nun-greene at Darby, being in labour; her midwife, after much striving, finding, That it was past her skill to deliver her, desired, with other women, that I might bee sent for.

Within an houre after her delivery, a heavy, deep sleep seized on

her, and shee continued so sleeping, not at all awakening, and so died, as the woman told mee.

What might bee the cause of this continuance of sleeping, I could not learne. Whether a lethargy, or vapours ascending from the womb to the braine, or anything of blood, clotting in the womb.

Anno 1633 I was at Bunny in Nottinghamshire, with a woman in the time of her travaile. After each labour, shee immediately fell into a deep sleep so soon as shee was delivered, and so continued sleeping for twelve houres, or longer, without any motion.

Mrs
Per-
kins.

And, by degrees, afterwards shee awaked, and came to herself, but had long, afterwards, a dulnes, with mopishment seizing on her understanding, which happened, as was thought, upon severall, inward, concealed discontents.

Vomiting in labour, and continuing after delivery, is not to bee liked.

The wife of Mr. Robert Ring, Apothecary in Darby, did vomit much in the time of her labour, and it continued after the time of her delivery. Being called, by her husband, unto her, medicines were used, which stayed it for an houre. But it returned again, and would bee no more checked. Shee died, of this vomiting, within few houres after her delivery.

1

In my thoughts, I supposed, That, through this long continued vomiting, there happened a convulvulus in the gut ileon, as it did to Goodwife Oldam.

Mrs Elizabeth Parker begun to bee in labour January the twentieth, being Thursday 1669. Shee suffered much affliction, under the mid-wife's hands, untill Sunday morning, and then shee was delivered. Shee

2

lost much blood that day, oft flowing by pashes, and fainted. Tuesday, the twenty fifth, shee vomited, and scoured. Thursday, the twenty seventh day, being the eighth day from the beginning of her travaile, shee died in the afternoone. All these passages were related to mee by her Mother.

Not, upon the account of women labouring of child, yet, upon a suspicion of a convolvulus in a woman, not with child, nor in child-bed, this following prescript was used with good successe;

R Mercurii vivi ꝑiij ol. amygd. ꝑis mann. ꝑi cum posseto fact. ex allæ ꝑiij vel q. s. ꝑ, fiat haustus.

Some of this Mercury came away twelve houres after, the rest at other times.

I beleeeve that this may prove an excellent, good medicine in this extreme disease, without any danger; if purging bee feared, then to leave forth the manna.

Enema contra Iliacam passionem.

R vini albi lbj butyri recentis sine sale ꝑiij ol. olivar. ꝑij sem. anisi, carui, dauci, anmeos, carthami āā ꝑii Coquantur s. a. et colentur. Adde mellis rosar. ꝑii sacchar. rubr. ꝑij salis ꝑi vitel. ovor. n^oi, fiat enema S. A.

Pareus fol. 291 inquit. Præstat enim, in morbis desperatis, anceps remedium experiri, quàm nullum.

Melius est anceps remedium experiri, quàm nullum, cùm multi, citra spem, mirabiliter sanentur. Celsus lib. 2. cap. 10.

And, when other medicines prevaile not, why may not such meanes

bee used? when that other medicines afford no relief, to save the woman's life.

Scouring for the most part proves fatall, if that it happen in the first seven dayes. And it is much to bee feared, although it come twelve, or fourteen dayes after delivery. I have known it fatall to severall women, yet some few have recovered.

Mrs. Hoden, of Aston, being in a consumption, and short-winded, through weaknes, had her neck, and body distorted. Shee desired that I would bee with her in the time of her labour.

1

Shee was well laid by her midwife, and her child liveth.

But, to her weaknes, after her delivery, a scouring was added, which took her from her relations within ten dayes following Jul. 31. 1668.

A very good woman, a Physician's wife, lying in child-bed, was taken with a loosenes, about the fourth day after her delivery. And suddenly, in a strang manner, her breasts fell, within an houre after this loosenes began, being, before, much swel'd, and full of milk.

2

Her husband was a learned Gentleman, and had good successe in his undertakings. No endeavours, wayes, or means, that art could afford for her recovery, were left unattempted.

But shee dayly weakened, and, being brought low, and much spent with scouring, after some twelve dayes affliction, shee died at the beginning of September 1664, having her senses perfect, when that shee could not speake, knowing every particular person, and shaking mee by the hand a small time before her departure.

Arme.

Joane Smith, the wife of Thomas Smith, a currier in Darby, dwelling in S. Peter's Parish, was delivered, by mee, of a dead child, and the arme came first. I turned the birth, and delivered her by the child's feet July the 18. 1662 die Ven^{is} ante meridiem.

Her midwife had much haled, and pulled, and torne her body, on one side, into the fundament.

Some three, or foure dayes, after her delivery, her belly rumbled, and pained her. Her Husband's mother gave her a posset, in which shee had mixed some common treacle. After the drinking of it, shee had a great losenes, with much paine in her belly, and I much feared her recovery. Shee took cinamon water with Diascordium, and the powder of acornes with their husks; also white pepper boiled with milk. Also shee had this medicine;

Of the inward green bark of an oake a handfull; cinamon two penyworth; almonds blanched an handfull beaten;

All these were boiled in three pints of new milk to half, and sweetened with hard sugar, or boile the sugar with the milk; of which shee tooke half a pint at a time, warmed; which medicine was given to her by her friends, and the women about her.

But none of these stayed it. At last was given to her this following medicine, a little warmed;

Take Spanish white half an ounce; fine wheat flower an ounce; good cinamon in the stick, broken, and bruised, two drachmes; new milk, a pint, and a half; hard loaf sugar as much, as will sweeten it to the patient's tast, or desire. Or, in a pint of milk you may boile the sugar, and cinamon to one half. In the other half pint of milk blend

the Spanish white, and the wheat floure, and, being well mixt, put it into the milk as it stands on the fire, and so boile it leasurely, ever stirring it, untill it come to bee as thick as a custard.

Of this shee took a good mess, or porringer-full at pleasure. Shee said, that it was good, and did much comfort her. It stayed her loosenes at the first taking, and freed her of her paines. - Shee had it made without sugar.

We anointed her belly with oile of charity to her groine; where the paine was fixt was laid emplastrum Saponis spread on leather; and to the fissure, or rift of the fundament was used Balsamum Lucatellæ.

Thus, with God's mercifull permission, shee was again recovered.

This poor woman could not sleep. There were prepared two good red nutmegs, full of sap. They were grated, and, afterwards, mixed with the yolke of two new laid egges, well beaten, to which mixture was added half a spoonfull of salt, and so made into a salve. This was spread betweene two thin linen cloths, and so laid all over her forehead, and downe to her temples. . And this, applied warme, caused her to sleep quietly, and was a great help to her recovery.

After all these afflictions, upon a bruise, which shee received, within a moneth, shee suffered much paine on the left side of her belly, and had there an impostume, which came to suppuration, and was afterwards cured. Shee recovered all her sufferings, and is now living, and in good health June 6. 1671.

Yet all do not recover. For I had a kinswoman, lying in child-bed, who had an impostume in her groin, that came to suppuration. Out of it issued some corruption, with some excrements of her bowels.

Severall applications were used for her recovery, but they did not prevaile, for a while shee languished, and so died.

A poor Collier's wife in Cosall March, in Nottinghamshire in September 1666, was taken *with a loosenes* in her lying in child-bed. It was stayed with Spanish white, and wheat floure, made, as afore directed. Shee could not sleep. I gave her a nights (as occasion required) pil. pacifica, upon which shee took *good rest*, and so recovered.

Afterwards, shee had an impostume, which brake in her ham, the which, with fit applications, was cured, and shee recovered.

December the twelfth 1670 Jane, the wife of Ralph Spencer, a weaver, having a quartane ague, was delivered by her midwife, of a female infant, that lived some six, or seven weeks, and then died.

Foure dayes after her delivery a scouring came upon her, and continued three dayes, before any body came to mee, to desire my help.

I caused a pint of milk to bee divided into two equall parts. In one part I mixed a spoon-full and an half of fine wheat floure, and a spoon-full of shaven chalk.

The other part I did set on a gentle fire, to seeth. When it boiled up, I put into it that part of milk, which had the floure and chalk, well mixed with it, and stirred together well as they boiled, untill it came to bee thick. Then was some butter, and a little nutmeg grated added to it, of which shee took as oft as shee pleased.

I gave her the chalk pap, of which shee took as shee pleased.

And for that shee was thirsty, and coveted drink, shee had black

pepper boiled whole in milk, of which shee took severall times warmed, with some whole corns of the pepper first and last.

By these two medicines, within two dayes, her loosenes was stopped, and her thirst was taken away.

After her losenes was stayed, the next day her left leg began to swell, and, the swelling did increase to a very great bignes. It became very painfull, and cold. It was like a blowen bladder, and glistened. I was afraid of a mortification. I caused a mild lee of wood ashes to bee made. In the cleare of it, three pints, was boiled a handfull of dried wormwood, with as much of elder bark; and, in the boiling, was added to it a lump of alum, the quantity of a hen's egge, and a spoonfull of salt.

With this liquour, very hot made, her leg was fomented, with thick stuphs dipped in it, and wrung hard forth, and applied to her leg.

And, when they began to bee cold, they were taken away, and hot ones again applied. Thus was it fomented for half an houre. Then was a hot stuph, (after the moisture was squeezed forth) applied round her leg, and rouled on, and so was shee dressed every foure, or six houres. Shee did find much ease, and comfort by the fomentation, and the swelling abated.

When the swelling was nigh half abated, a great blister, or two did arise between the calf of her leg, and her ancle, the which did break, and out of her legs did run much clear water, which also was cured by the fomentation.

Shee lay in a moist, cold house, and the walls were full of great holes.

And that night, these blisters did arise, her leg was very cold, and full of ach. Shee was anointed with blast salve, and an ordinary emplaister was laid over the sores.

Shee was long afflicted with a quartane ague, before shee was delivered, and, it continued severall moneths, after her delivery, and her leg not quite fallen, and the sore did run a little, but it no way troubled her. In the morning the swelling was fallen, but, at night, the swelling did somewhat return. Yet, at the last, shee was perfectly recovered of her swellings, and of her quartane ague.

Concerning excoriations, and retention of the part of the after-birth, with the danger of it, and of the false conception, or mole, see Dr Harvey in these words of the birth.

It often befalls women (especially the more tender sort) that the after purgings, being corrupted, and grown noisome within, do call in fevers, and other grievous symptomes.

For the womb being excoriated by the separation of the after-burden (especially if the separation was violent) like a larg, inward ulcer, is cleansed, and mundified by the liberall emanations of the after-purgings.

And, hereupon, we conclude of the welfare, or danger of a woman in childbed, according to her excretions.

If any part of the after-burden bee left sticking to the uterus, the after-purgings will flow forth evil sented, greene, and as if they proceeded from a dead body, and, sometimes, the courage, and strength of the womb being quite vanquished, a sudden gangrene doth induce a certain death.

Or, if it bee rent from the sides of the womb, corruption of blood may follow, and so may come inflammation, an abscesse, or a mortall gangrene.

As I have had experience in a woman, which, lying very sick of a malignant fever, and being very weake, did suffer an abortion; who, after the exclusion of the foetus, which was incorrupt, and entire, yet lay exceeding weak, with a disorderly pulse, in a cold sweat, as if shee were a dying.

I perceived the orifice of the womb was lax, soft, and very open, and her after purgings something noisome. Whereupon I suspected, That something did lurk in her womb, which did putrefy. And, putting in my hand, I extracted a false conception, as big as a goose egge, which was made of a most thick, nervous, and, almost, gristly substance, having some perforations in it, whereout did issue a viscid, putrefied matter, and immediately, upon this, shee was discharged of those grievous symptoms, and suddenly, after, did perfectly recover.

Dr Primrose saith fol. 307 *Mulierem, tamen, novi, quæ, post partum unius foetus, per duos menses, gravissimis conflictata est symptomatis, nec ulla spes vitæ adesset. Exclusit alterius foetus cadaver, in saniem tetram, et virulentam conversum, cùm, tamen, nihil tale medici suspicarentur, et convaluit, atq. ter, postea, feliciter peperit. fol. 307.*

For bruises and excoriations.

Goodwife Bayly, about the year 1633, had a perverse, peevish, ignorant midwife. Shee violently pulled, and haled her body a long time. Being sent for, this midwife much disliked of my comming, and still shee proceeded her own wayes. But, at last, finding her expecta-

tion to faile, shee was contented, That I should take her in hand. But I then refused, untill I had the opinions of two divines, Mr. Eyre, and Mr. Wyarsdale, ministers in Darby. And, although I beleev'd that, through the midwife's usage, the infant was destroyed; yet I would not draw it with the crochet, before I had their opinions; whether, in case of necessity, and danger, to save the woman's life, I might, with a safe conscience, do it, and not bee guilty of the child's death. They view'd the distressed woman, and, after some conference with her, without any debate it was concluded by these Divines in the affirmative part, That I might lawfully do it, although the child should bee alive, to save the woman's life.

It being so concluded, I placed the woman, for her own ease, sitting in a woman's lap before her

Then came her midwife, and desired to bee placed next unto mee, in hopes, to have seen what I did. Shee had her desire, but saw nothing of the work, by reason that her coates covered my armes, and the woman's body, all the time of the operation; for that I was willing to keep her in sufficient ignorance; first, to qualifie her lofty pride; secondly not to encourage her in her evil wayes of using pothooks, or pot ladles, with which shee, formerly, had made ill work; together with her nailes, having set deep scratches on the faces, and bodies of severall infants. I quickly drew the infant, that was dead.

Afterwards, this woman seemed to recover. But, after a week's time, severall corrupted skins, hanging at the labia vulvæ, separated from her body, and came away. After this, shee altered in her countenance, and, sitting, or lying in a mopish condition, not minding, or regarding any thing, nor taking notice of any person, or what was said,

or done unto her; with daily fading insensibly, after a moneth's lingering, shee died.

John Besecht's daughter, dwelling in the Morlage in Darby, being hardly used, by her midwife, in labour, through haling, stretching the birthplace, had severall large skins, very stinking, comming, and separating from the vagina uteri.

2

I oft injected with new milk, boiled, and cooled againe, and tinctured with saffron lightly, and sweetened with honey of roses, a little warmed, when it was used. And it pleased God shee recovered, beyond expectation. Shee was ever sensible, and nothing, otherwise, altered in mind, or body.

Goodwife Rag, after her sufferings, was long weak, and much enfeebled in the retentive power of holding her water, and could not retain it, but it came dribbling from her, both day, and night. Also, severall skins, enfolding much gravel, and sandy, small stones shee voided, yet, at last, shee recovered.

3

I have observed, where skins, and such like filth, in childbed, come away, that all such women bee in danger of death, and that severall perish through such sufferings, though some, with difficultnes, bee cured.

But I never knew any woman, where the lively colour of their faces altered, and became swarthy, especially where the woman did become mopish, little regarding any person, or what was said, or done to her, but that all such perished.

I was desired, and sent for by a Lady, Anno 1640, that, in her

The Lady
Griffin.
4

travaile, was disquieted with some unusuall, and inward paines in the birth-place, and would not endure to put down her throwes.

The head came first. But the ignorant midwife, not knowing how to assist her, let the child stick at the neck, and shoulders, after that the head was in the world.

The Ladie's paines were augmented. Shee called mee to help her, but the midwife would have had mee put by, and said, That my Lady must stay God's time, and pleasure. I put the midwife aside, and finding the child's head in the world, I assured her, that shee was but ignorant in midwifery.

I slid my finger under the child's arme-pit, and, nudging the child on one side, and drawing withall, the Lady was immediately delivered.

Shee was well for three, or foure dayes. Then shee began to bee sorely pained, and to have an ill, and unsavoury smell iu her privy parts, and could not hold her water.

Small
stones.

Small, greey stones, in the time of her travailing, were fallen downe into the neck of her bladder, before the child had entered the bones. These stones were the cause of the augmenting of her sufferings. And the child's head and body, as it passed, pressed on these stones. The vagina uteri was hurt, and bruised. Sorenes followed in the flesh, and a large piece rotted, and separated in the neck of the bladder, and the stones came away wrapped in the flesh, and skins.

Shee recovered, in part, after long time, with some sufferings; and had many children after this mishap, but never, afterwards, could hold her water. I was all the time with her, during her cure, and I

greatly pitied her good Husband &c. See Guillimeau the French chirurgion lib. 2. ch. 9. fol. 115.

I was desired to visit a woman at long Eaton Anno 1634, about a quarter of a yeare after her lying in child-bed. Shee was troubled with much pain in her back, and flanks. Shee found ease by what was administered for the present, but, after a little intermission of time, her disquiets returned again, and shee became worser.

Mrs
Crafts

And for that her closiers were stained with such humour, as mid-wives call oake-water, and for that it had a stinking, suffocating sent, I imagined, that some evil might lurke about those places, in, or nigh the womb.

Upon searching, I found severall tumours in vagina uteri, as great as small beanes, following one another, as though they had been beads stringed for a bracelet. These cancerous tumours tormented her. I intended to have used a decoction of china, with sarsaperilla &c. with some injections. But shee grew a weary of mee, and committed her self to a new runnagate Dr, that greatly boasted of his cures, and abilities. Hee was found, at last, to bee a fugitive, broken butcher, that could neither read, or write, and, under his cure, uncured, Shee died cancerous in her body.

Cancerous
Tumours.

There came a Gentlewoman unto mee, complaining of great paine, and distemperatures of the womb. I gave her the best counsell that I could, but shee had no ease by the prescriptions. Shee intreated mee to search her body, whether, in it, might bee perceived any thing to bee amisse. Anno 1668.

Mrs
Lilly.

By my finger, I found a great, larg tumour, spreading over a great

part of the outside of the womb, and I feared, that it might, at last, prove cancerous, for that it was hard, and scirrhus, and had frequent shootings, and stinges in it.

I told her then, That I was doubtfull what, in time, might happen ; yet, to allay her feares, and to mitigate her present sufferings, I would use my best endeavours ; and, withall, desired her, in this doubtfull case, to see, if that shee could get, from any other, better hopes of cure.

It was her good hap to bee a patient to a learned, and most judicious Doctor in physic. And hee, with his golden turpeth, did ease her. But shee would not bee ruled to follow his directions. After her delivery, the tumours, and paines increased again, and hindered her going to the stoole, and the making of water, through the greatnes of the inward swellings, and so, with much affliction, shee died.

The womb is a principall part, which doth draw the whole body into consent with it.

I was sent for to visit a good woman, that had miscarried, after that shee was gone two moneths with child.

Shee was troubled with some unusuall paines in the womb, and had, there, sores, and swellings, from whence ill sented humours issued.

Her Physician, in my judgement, had taken the onely way to cure her, and such a way, as I should have adviced her, and all other women, in her condition, to follow ; and, by it, from the part afflicted, had made a diversion of the violent force of humours, and had asswaged the raging tortures of her paines.

But the evil, being fixed in the womb, would not be wholly removed, but recalled again the humours of the place affected, and, by

degrees, the cancerous ulcer grew violent, and, with shooting, and stinging pains, accompanied with noisome emanations, her dayes, at last, were terminated ; and, after her miscarriage some 6 months, shee died.

I was with an Honorable Lady 1632, and a learned Dr of Physick did attend her Honour. Shee, oft, violently flouded, and was let blood, to turne the streame. Shee had pessaries made of hog's dung, with bole Armeniack, and alume, and mixed together with whites of egges. For better help, shee went to London, in hopes, to have the best relief, that art could afford.

The womb proved cancerous. At last, without any helpe, more then some mitigation of her paines, of this infirmity shee died.

A woman in Darby, upon a fright, did fall into flouding per uterum. Shee did not, for severall moneths, regard this flux. But, at last, shee sent for mee, and desired my help. I found a hard scirrhus tumour, occasioned by this flux, seized on the one side of the womb, and on some part of the vagina uteri, which hindered the free passage of the water.

Her case was sent unto the learned Doctours at London, and to the most expert chirurgions of that place.

Some appointed traumaticall decoctions, and mercurius dulcis to bee given.

But this scirrhus tumour dayly increased, very much stopping her water, and her going to stoole, by straitening the passages ; and, of this affliction, at last, shee died.

This affliction frequently happeneth, when the women bee past

forty years aged, growing towards fifty, and this flouding, being neglected in the beginning, oft breedeth an incurable cancer.

Hippocr. Aphor. lib. 6. ap. 40.

Cancros occultos melius est omnes non curare; curati enim citò pereunt, non curati autem longius tempus perdurant.

There came to mee to Darby a woman, dwelling nigh Lichfield in Staffordshire, that had a cancerous ulcer in her womb.

Shee told mee many good morrows, and stories of women, that had such infirmities, and how severall of them were eased by salivation.

For her cure, I desired a Dr in physic, my good friend, to let mee have his counsell. Hee put mee in mind of the Aphorisme, and willed mee to use traumaticall decoctions, and, sometimes, to divert the humour by salivation with mercurius dulcis, giving it once, or twice a weeke.

I gave it, mixed with conserve of roses in a spoonfull of posset drink. The mercury spotted the silver spoone, and so shee found what it was. It vomited, and purged her, and, I beleeve, would have raised a flux, if that shee would have continued the taking of it.

But shee was discontented with the working of it. So shee left mee, and took one, that had been lately a Divine, and was now become a practicer in physic.

And hee gloried much, that, by his medicines, hee had driven forth two cancers out of her body. It should seem to mee, by the relation of those, from whom I had the information, That shee twice flouded, and, at each time, avoided clotters of blood, which his ignorance falsely conceived to bee the cancers.

But, at last, shee went away from Darby, and made use of the utmost of her strength, to make some beleieve, That shee was cured.

In the conclusion, shee, and her physician disagreed ; and hee was so vexed, that, in his passion, hee threatened to send her a letter that should twist her ears together.

What hee did, I know not ; but I am sure, that shee was made in a worser condition by him. Shee became ill, and weak, her paines every day increased, and her body smelt unsavourily, and her linens were stained with the humours, and did so loathsomely smell, that those, which were attending about her, did very unwillingly wash them. Yet this ignorant, confident upstart was not ashamed to report, That this woman was cured by him.

In her extremity, shee put herself under a third Physician. Extremity of paine made her willing to bee fluxed. Hee salivated her, and, in the salivation, shee died.

A worthy, good Lady, having been formerly troubled with a flux of blood, which came by pashes in her child-bed, desired mee to come to her. I made no delay to go, but shee was delivered before my comming. Her infirmity did adhere to her body, yet not in a violent way. So, after a week's staying with her, perceiving some amendment, I returned, leaving her to follow the directions of her former physicians, but they did not cure her.

Shee went to London, and returned not cured, and brought with her this direction from a woman, that had been formerly, so afflicted, as this Lady was.

R red wine, good Alicant, and plantane water, of each half a

Atherly.

pint, two or three ounces of double refined sugar. Boile all these together very well. Of which shee took every morning fasting, and at foure in the afternoone, and at night going into bed, two, or three spoonfulls blood warme.

After shee had taken these things, if that the whites should trouble her, then to take this following.

R new milk a quart, of comfry, and yarrow, and shepherd's pouch, of each an handfull, of clary six handfulls. Boile these herbs in the milk, untill it come to a pint; then drink every morning before shee did rise, and at night, after shee was in bed, half a pottinger full thereof, blood-warme, or warmer, if shee pleased.

Dr Weatherborn.

Shee was visited, a yeare, or two afterwards, by one of her London physicians, a man of excellent parts, and full of much practice. Hee adviced her to take the inward bark of an oake, and to bruise it, and to distill it three times. And, in a wine glassfull of this water, to put as much of the powder of lapis hæmatites, as would lie on a groat, and the like quantity of terra sigillata. Yet shee was not helped by these medicines, but had a perpetuall dropping, or mensium fluor issuing from her body.

I came, casually, to her house, and shee intreated mee to stay with her. I gave her this drink of Lodovicus Septalius.

R aquæ lib. vii in quâ coque cortices trium aurantiorum acidorum, aliquantulum subviridium; colaturæ ℥viij pro dosi. The rinds were cut in small pieces, and, at the end of the boiling, I added of mouseare a handfull. It stopt the flux for a week; and, in all her broths, I boiled the same herb.

After a while, the flux returned again, and, after three, or foure yeares continuance, it terminated her dayes.

A London chirurgion was sent to her; it was his opinion, That shee had a cancer in the inner part of the womb. I cannot contradict his sayings, (yet shee had no evil-senting fluxes, or tumours to be felt) for that I beleeve, and have known long, dribling, uterine fluxes, very oft, to have ended in cancerous tumours.

I would I could bring all midwives to observe nature's wayes, not onely in some creatures, but also in vegetable plants, and trees, how shee proceedeth in her works, and how shee ripeneth all vegetables, and produceth all creatures, with far greater ease, and speed, then art can do, which is but nature's handmaid, and servant.

From Shiston, in Warwickshire, a woman, great with child, after some jouruey, came to Tamworth market, about the middle of December, Anno 1667. After her markets were ended, as shee did ride homewards, by a *Park* pale, in the highway, Dame nature willed her to alight, and to tie her horse to the pale. Shee went into the park at Middleton, in which place shee was speedily delivered of a living child.

The woman took up the child, and laid the after-burden on the child's head, and, getting again on her horse back, shee went unto a friend's house, and carried her child in her lap, about a mile distant from that place, and there, some say, that shee stayed all that night; And that, the next morning, her husband came unto her, and brought her, and her child home safely, to his house. Shee, and the child bee living, and in health Anno 1671.

Dorothy Launt of Newbrough in Stafford-shire, being great with child, adventured to go from her own house, on foot, three miles,

to a market town called Uttoxeter, by some Utceter, about the latter end of September 1666.

Returning home with her husband, and with a woman, that understood nothing in midwifery, being nigh two miles from her house, shee was suddenly surprized with pangs of labour.

Dame nature was at hand, and, in a lane, nigh Uttoxeter wood, shee was there delivered of a lusty living son, as shee kneeled on a bank by the side of a ditch, and there the after-burden came well from her.

This assisting woman, afterwards setting her on her horse, brought her to her husband's house, where shee well recovered her strength. Her child lived, and was baptized, and named Walter, and is now about foure yeares old Anno 1669.

Shee conceived again, and was, in due time, delivered of another son by her midwife, October the sixteenth, 1670, being in her owne house.

So soon as shee was delivered, shee swooned, (so that the midwife durst not adventure to fetch away the after-birth) and continued fainting, and swooning the space of an houre, although the woman burnt feathers under her nose.

After this time, shee came, a very little space, unto her self, and immediately fell into a deep sleep.

With much shaking, now and then, shee would speak a word or two, ever desiring them to let her bee quiet, and to suffer her to sleep.

Shee continued sleeping foure houres, after this time shee awaked, and, seing two of her acquaintance standing by the bed-side, said, Ah

Mary! Ah Anne! and, laying down her head, as though shee would sleep againe, shee departed, having still the after-birth in her body.

Her sister, Goodwife Wetton, came to mee to know what might bee done, to cause the after-burden to come away. I gave her the best counsell I could, but the woman was dead before shee could come again unto her.

Her sister told mee, That shee avoided much moisture, with blood, in her swooning, and sleeping; so did another, that, afterwards, washed the cloths. Shee died October the sixteenth, her son was baptized the seventeenth day, and named Robert, and, that day, shee was buried.

Margery Philips of Newbrough in Staffordshire December 29 die Mercurii 1669.

After delivery, a fattish piece of flesh, as long, and thick, as the midwife's hand, comming from the womb, the which the midwife said, that shee put up againe, so shee told mee, but I did not see it.

Shee flouded, and that made the midwife desist from farther striving, to get away the after-birth, and the midwife said, That the after-birth did stick to the side of the woman.

So shee put her to bed, without shifting her cloths. The midwife came to mee, about half an houre past two in the afternoone. I went with her, and offered my service to this woman. But shee desired not to bee stirred, for that, upon any motion, shee fainted. And I thought, standing by her, that shee had been dying, and I was glad that shee did not make use of my help, for fear shee should have died, under my hands, in this weaknes.

The midwife shifted her cloths about five that night, and shee did

eat, then, some bread and cheese, but continued losing blood, as the midwife reported. Shee was delivered by the cocks first crowing in the morning. Shee died about eight that night. But the after-burden never came from her. The child lived about half a year, and then died.

But, upon a second discourse, I found this midwife to bee an ignorant, simple woman, and I suspected, That shee was cause of this woman's flouding, as also of her death, through much struggling in her body.

In morbis desperatis, sedulam diligentiam, extremumque remedium adibendum esse, vulgi calumniâ relictâ, medicique famâ ost positâ. Medicus, si mortis prædixerit pericula, culpâ vacabit.

This was the second woman, that died at Newbrough, whilst that I waited on the Lady Grisell Egerton, not having the after-birth drawn away. They both went to their graves, with their after-burdens in their bodies.

Have not some women been laid, and the after-burden fetched away, whilst that they had convulsion on them, and that they have recovered?

It is, in my thoughts, much better to fetch away the after-birth, so soon as the woman is delivered (let the woman bee in what condition shee will) then to leave it in the woman's body. So may flouding, and issues of moisture cease. But, where the after-birth is retained, these fluxes never cease.

I never had any woman under my hand thus afflicted.

But I have heard, That the after-birth hath been fetched away, although the woman did floud before, or in the operation. And so their

lives have been saved. But, where it came not away, through the flux, or flouding, they all perished.

A kinswoman having miscarried, the midwife could not get away the after-burden, which was the cause, that shee oft flouded in a larg quantity; my assistance was desired.

Coke.

By reason of the closing of her body, and the lying on her back, I could not well come to the after-burden, to get it away; some part remained in her body. Yet shee flouded no more, and, after a good night's sleep, the other part of the after-burden came away, when that shee made water, and dropped into the chamber-pot, and shee well recovered her strength.

The after-birth is more easier, and better fetched away, as the woman kneeleth, then it can bee as shee lyeth on her back.

Therefore I would have the midwives to cause their women to kneele, when that they fetch the after-burden.

Francis Hallowes, the usher of Ashburn Schole; Margaret his wife, being aged about 30 years, having had nine children, a fortnight before shee travailed, having a tertian ague, shee miscarried of the tenth child, about the thirteenth week of her being with child, in the morning, about five of the clock.

Some foure houres after her miscarrying (being a fat woman) shee fell into a loosenes, and died the next morning, about the houre, in which shee was delivered.

After her death, the scouring immediately ceased, and shee then did swell so much in her belly, and breasts, as they, that stood at her feet, as shee lay on the table, could not see her face; and shee bled

much at the mouth, and nose, and, withall, flouded all that day. And the flouding continued with her in the grave, at nine that night. Apr. 28. 1671.

Thus Mrs. Mary Mercer, that was her kinswoman, related, of a truth, unto mee, who was with her in her labour all the time, continued with her both in life, and death, and at her buriall.

I left Stafford, and went to London, there to live, for the better education of my children, in May 1656.

And, by reason of an Apothecary, that, formerly, had lived in Stafford, I quickly had some practice in midwifery, among the meaner sort of women ;

And, through his meanes, was called to a woman, that had three children at a birth, and the midwife had brought away all the after-burdens. The midwife feared, afterwards, that there was still a fourth child remaining in the womb, for that shee felt a great hard lump in the woman's belly, and this was the cause, why I was sent for.

The tumour was as big as a penny loaf. Finding the woman apt to faint, I caused a large emplaister of crude Galbanum to bee laid upon her navell. Her paines were eased, her swelling was discussed, shee soon recovered again her strength.

The children lived but a small time, they all died that day.

It is not good to draw away the after-burdens, before all the children bee born, for feare of a flux of blood, that might follow in the ensuing birth. Yet I have known severall women to have escaped this danger.

Not long after, I was called into White Friars, to a poor woman, that was in travaile, to assist Mrs Wharton, a good midwife. Shee was understanding in her calling, and was of a friendly, and courteous disposition.

This woman had been long in labour. The child's head, and body were larg, and the child's head was somewhat entered into the bones.

Finding that the child was dead, I drew it with the crochet, and the woman soon recovered.

A great person in Ireland, having the bones of the genital parts ovally, by infirmity, pressed together, after the losse of severall children, drawn from her body by the chirurgions, was put in hopes to have better success, if that shee could obtain a London midwife to come unto her.

There was a midwife procured, that went unto her. This midwife had long practiced midwifery, and, to my knowledg, had a good understanding in her calling, and her practice had been oft crowned with happy success. This Lady procured this midwife to come unto her, into Ireland.

After that shee had been some time with her, labour came upon the Lady. No conveniences to facilitate the birth were omitted, and the midwife used all her endeavours to bring forth a living child, without any violence offered unto it, or to the mother.

But it pleased God, not to permit this Lady to have her desires, nor to give his blessing to this midwife's hands, as to let this Lady bee delivered by her.

Mrs
Maneu-
ring.

A chirurgion was sent for, who, as formerly, with the crochet drew away a living child from this Ladie's body, to save her life.

Had I been in his place, I would have seen what, first, might have been done with the hand, before I would have used the instrument.

At this midwife's return, I went to visit her at her house, and there shee related all these passages to mee. And, as I was sorrowfull for this Ladie's ill hap: so I was joyfull to see this midwife safely returned again to London.

I was sent for to a Gentlewoman, that had formerly suffered hard labour. Shee was delivered of a small abortive, before I came unto her, by the midwife; and the child, being very small, the midwife had drawn it away by the arme.

As I was sitting, and talking with one of her servants, that attended her eldest child, then a little one, as it played before us, I espied in the child's forehead a long dawk, deeply dented, even to her nose. I asked the servant maid how the child came by it. Shee replied, that it was so borne; whereupon I conjectured that, through this woman's hard, long labour, as also by the dawk in the child's forehead, that the ill conformation of the bones was, or might bee the cause of her sufferings, before shee, usually, was delivered.

There goeth a report of two ingenious persons, the man and his wife; Hee, taking notice of the midwife's violent halings, and stretchings of his wife's body, as also of the great torments, that, thereupon, did arise; and his wife, being terrified with the feeling of them, and fearing to suffer the like again; and also, hearing, how some, that would not owne their great bellies, how easily, and speedily they were delivered, without the help of midwives; They concluded, to make triall of their

way, and having found it good, and prosperous, they resolved never more to make use of the midwife's assistance.

And, ever since, the woman, so soon as shee perceiveth her labour approaching, shee causeth a fire to bee made in her chamber, and, her bed being prepared, her husband bringeth her into the chamber, and, after the taking of their leaves one of the other, hee, with her desire, and consent, locketh her in the roome, and commeth no more unto her, untill shee knocketh, which is the signe of her delivery to him, and to such women, as bee in the house, and this report is affirmed for a truth.

Such a story hath been told mee of Mr. Jennings (so I take the great Apothecary in Newark to bee called) and his wife.

And I am perswaded, in my thoughts, that, if all women would follow the same course, that they would bee more easily delivered, and more children born alive.

All, that ever I would have the midwife to do, is but to receive the child, when it commeth into the world, or to alter an unnaturall birth.

A weaver's wife at Wossall, in Staffordshire, about the yeare 1654, came unto mee, complaining of much pain in her back, and heat about the outward parts of her body.

Shee said, That this happened after a hard labour, and that many skins, and lumps of flesh came from her body, after her delivery.

The outward passages of her body were, all along, closed up; there was onely a little small orifice left open, by which her urine passed.

Shee said that her womb did rot, and fall forth out of her body.

I gave her a decoction of persly, Germander, and pennyroyall, with such like herbs, and shee had a flowing of the menses, upon the taking of it.

Whereupon, I beleve that the womb was not rotted forth, but that the labia vulvæ were joined together, after the cicatrizing of the ulcer. Shee was troubled with much inflammation, and had a whitish, sordid matter, which continually issued from her; and it did much inflame, and moisten those parts; and the humour had a raw, faintish savour. Shee was eased with refrigerating applications, as ung. alb. camphoratum, and what became of her, after that I went to London 1656, I know not.

Guillimeau giveth this report, That hee was sent for by Mad. Searon, to help a farmer's wife, that was great with child, and ready to lie down, who had the outward orifice of her womb, for the space of foure or five yeares, so perfectly closed, glued, and joined together, that it was impossible to put a little probe therein; the which had happened to her by being ill delivered; by meanes whereof, the entrance of the outward neck of the womb had been ulcerated, and the ulcers cicatrized, and the sides of the vagina joined together, and yet, for all this, shee proved with child.

At the time of her delivery, by the advice and counsell of *Mr. Riolan and Charles, the Kings Professors in Physick, and Regent Doctor in the faculty of Physick at Paris, Brunet, Paradis Riolan, Fremin, Rabigois, and Serre (Queen Marguerite's chirurgion) Mitton, and Chafpriet, Mr Barber chirurgions at Paris, Honore the King's chirurgion,* and my self, I say, by the advice of all these severall physicians, and chirurgions, there was an incision made. Then, presently, the speculum

dilatorium was so well applied, that all the cicatrices were enlarged, which succeeded so prosperously, that, within three houres after, shee was delivered with much ease.

Dr. Harvey knew a woman, who had all the interiour part of the neck of her womb excoriated, and torne by a difficult, and painfull delivery, so that, her time of lying in being over, though shee proved with child again afterwards; yet, not onely the sides of the orifice of the neck of the womb, near the nymphæ, did close together, but also all the whole cavity thereof, even to the inner orifice of the matrix, whereby there was no entrance, even for a small probe, nor yet any egresse to her usuall fluxes.

Hereupon, the time of her delivery being now arrived, the poore soule was lamentably tortured, and, laying aside all expectation of being delivered, shee resigned up her keyes to her husband, and, setting her affaires in order, shee took leave of all her friends.

When, behold! beyond expectation, by the strong contest of a very lusty infant, the whole tract was forced open, and shee was miraculously delivered; the lusty child proving the auctor of his own, and his parent's life, leaving the passage open for the rest of his brethren, who should bee born in time to come. For, proper applications being administered, his mother was restored to her former health. Should ever such an accident come to my hands again, as happened to the woman at Wossall, I should not feare to open those places; for that Guillimeau, and Dr. Harvey have declared such things to bee done.

In the mean time, I shall admire the forcible vigour, and efficacy of a mature, and lively fœtus.

It hath been questioned, whether the womb, closed in a woman with child, can, by outward enforcements, bee opened. Upon the communication, and assured faith of a reall, true friend, I am confident, that such a thing was done, and that it might bee done againe.

Comming from Gloucester, in my returning homeward to Darby, I met with a good friend, a Dr. of Physick, and a practicer in midwifery.

Hee certified mee, that hee was intreated, by a Gentlewoman, to afford her his help, and assistance ; for that shee knew, that there was a false conception in her womb, which would bee her ruine, unles, by his skill, hee could open the womb, and take it forth.

Hee was overperswaded by her, giving credence unto her words, and being intreated to try his skil, and to use the utmost of his endeavours, to performe this work ; hee slid up his hands, and forced the orifice of the womb with his finger end, moving, and thrusting it gently, for a reasonable space, against the orifice of the womb.

After some time, by these wayes, and her enforcements, the womb was opened, and, forthwith, the waters flowed ; and, within a short space after, the birth of a child followed.

At the sight thereof hee was much troubled (hee told it to mee with a great deale of sorrow) and said unto her, that hee was displeased with her evil doings.

But shee made slight of his rebukes, and words.

Although shee then recovered her strength, yet, in some yeares after, (following her ill courses of life, and putting herself under the practice of other physicians, to cover her lewdnesses, they not knowing of each others doings)

Shee took violent purges from the first physician, and, within an houre after, from another physician very great cordials, hoping to cover her lewd misdeeds.

By physick, at last, shee perished. This communication, severall yeares after, was communicated again to mee by this Dr. of physick, my worthy, and good friend, but hee desired mee to conceale her name; for that her friends, with her relations, and parentage, were of great repute, and esteem in the country.

A few yeares since this, my good friend is dead, and, I hope, that, without offence, I may say what I did know of him.

That hee was a learned Gentleman, and a good, and judicious practicer in Physick, and had great knowledg in the midwife's bed, and in the delivery of women.

Hee was piously given, full of charity, a true lover of honesty, and of all good men; friendly, and courteous, and kind to every one; faithfull to his friend, and injurious to no man, a forgiver, and not a revenger of injuries.

He lived peaceably and quietly with his neighbours, and was greatly beloved, living, and was much lamented, and mourned for at his end, was followed to his grave with much company, great and small, all shedding tears, and making sore lamentation, for the losse of so worthy a person.

I was assured by a learned Dr. (that was eminent for severall good parts, more especially for his knowledge in the midwife's bed) that hee, with others, was called to deliver a woman, that had the neck of the womb scirrhus.

All of them strived to open, and to dilate the os uteri, with the instrument, called speculum matricis, and, through their enforcements, that the instrument was broken in her body.

Whereupon, it was conceived by them, That it would bee the best way to cut the neck of the womb with an incision-knife. The which this Dr. affirmed was done on both sides of the womb, and that it proved gristly in cutting, and that the passage being thus opened, and enlarged, the woman was, then, happily delivered of a living child, and, that shee well recovered these wounds, and the enforcements of the instrument, and was, afterwards, the mother of severall children.

This report, with the passages, seemeth very strang to mee, and greatly to bee admired.

This Dr. was very kind and loving to mee, and took delight in my company. I dare not think that untruths would passe from his mouth.

Yet let no man bee offended for my saying to strangers

Admiranda cano, sed &c.

The story of subtle cheating knaves.

Severall men came in the night to mee, after that I was gone to bed. They told mee, that a Gentlewoman, of good worth, hearing a good report of mee, and how I had saved the lives of severall women, and of their children, did purposely follow mee, and was now come to London, for the intent, to procure mee to deliver her; and that shee was suddenly suprizd with pangs of labour, immediately after her journey. That shee had sent them, of purpose, to desire mee to come

forthwith unto her, and that shee would give mee any contentment for my comming.

Beleeving their smooth words, I did arise, and go with them into Shoe-lane. They brought mee through an obscure Ally, and so into an upper chamber; where I saw a man, meanly clothed, lying on a bed, laid on the floore, and wrapped in a poor blanket.

My heart misgave mee, and I greatly feared that I was trepan'd by those, that brought mee to that place, and that I should bee abused by them.

I asked where the Gentlewoman was, that desired my help. I was then brought into a poor little roome, where I saw the woman. Her mother in law was a midwife, and had used her very harshly; through her unhandsome doings, her body was much bruised, and, by her *pulling the infant by the arme*, shee had destroyed the infant's life.

Arme.

I asked the woman, what was that person, that was laid on the bed in the other roome. They said, that hee was her husband. I desired the women that hee might bee sent away, and that I might bring the woman to that place, where that I might have roome to turn my hand, assuring them, That I could not performe the work in that narrow, strait place.

I brought her thither, and, as shee kneeled on the bed, by the child's feet, after that I had turned the birth, I quickly laid her of her dead child.

Her mother in law came afterwards unto mee, and said, That they were poore, and gave mee half a crown, the which I gave to the woman, that I had delivered, before her.

Her mother in law was of an ill condition, and valued not the life of her son's wife, as her deeds manifested.

The women told mee, That shee was troubled with a loosenes. I willed them to make her a rice-caudle, and to give it to her. I went the next morning to see how shee did. I asked her, whether shee had taken the things, that I appointed for her.

Shee said, That shee had no money, and that her mother in law had taken away from her the half crown, so soon as I was gone away. I caused the money to bee given again unto her.

But this loosenes, with the unkindnes of her mother in law, and the want of attendance, with provisions necessary, hastened her untimely dissolution.

Though I was deluded by this flattering, cheating company, yet I heartily thanked God, that I had escaped my present doubts, and feares, and rejoyced, That I was not trepan'd, and brought into the danger to bee compelled to pay for my release, by ransoming my self with a sum of money, as others had formerly done in London.

To proceed to come to other unhandsome passages. Let mee acquaint you, That, now, Apothecaries, leaving the beating of their mortars, turn Doctors, as also taking upon them to bee men-midwives, and, as yet, escaping their due reward, in not pacing the hangman's black stumbling horse, or the receiving of the hot iron in their hands, for their reward, and just deserts.

There was a broken, runnagate Apothecary, that turned mountebank. Hee set forth his bills, promising great cures, and took upon him to bee expert in the delivery of women.

Hee came into Lincolnshire, where hee was desired to visit a woman, labouring to bee delivered, and to use his best endeavours to lay her.

The birth came by the arme, the which hee presently cut off, without any remorse of conscience, and so, forthwith, hee left the woman, in her afflictions, to be delivered by the women.

Arme.

And, although the women did earnestly intreat him to stay, and to finish his work, yet hee would not bee moved to it.

And was there not just cause for his departure? for that this woman was the first woman (and last) that ever hee came unto, to deliver; and his conscience and credit assured him,

That hee had done already, more, then hee could justifie, and that hee knew not how to proceed to finish the work.

At his going away, hee told the women, that now it was their work to performe the rest of the delivery. And so, like himself (*a mountebank*) hee left the labouring woman in great distresse.

It pleased God to permit another woman to deliver her of the rest of the child's body.

Hee was an ignorant, impudent, shameles evank mountebank, and had five pounds for cutting off the child's arme, and so murdering the child.

It is now too frequently used, by midwives, to cut off armes, as this Apothecary did, or to pull the infant by the arme, in hopes, to draw forth the child's body.

In Staffordshire, at King's Bromely, over night, a woman was delivered of a dead child, and the after-burden being fetched, shee was put into her bed, and the midwife supposed that all her work was finished.

Arm.

But, the next morning, *the hand and arme* of another child appeared. By two midwives this child was endeavoured to bee pulled away by the arme.

But, when their strength failed, the older midwife did cut off the child's arme, and then, afterwards, shee was delivered, and the woman again recovered her strength.

This fact was done about the twentieth day of August 1670.

In Staffordshire, at Hampton Ridway, towards the later end of August 1670,

Arme.

A woman, in that place dwelling, had a child comming into the world with the arme first.

Shee had two midwives to help her. After fruitles endeavours to reduce the arme, they concluded to pul it away by the arme; and, through their strengths, *they pulled off the infant's arme with the shoulder, and left the rest of the child's body remaining behind*, and the woman not delivered.

A third midwife was sent for. By her the rest of the body was brought forth (some say, by instruments, the which I do not beleeeve) and this woman recovered.

The same fact was done at Newbrough, long since, upon the body of Goodwife Right.

There was a scandalous report in London, with which an old midwife was spotted; That, through a mistake, in stead of the after birth, shee pulled away the womb, of which the woman died.

Mrs
Shaw.

But I will not bee so injurious to old midwives, as to give credence to such unworthy reports.

Although I know assuredly, That some of them do not (as they should) understand their practice, and dayly undertakings.

F. R. striving to lift a heavy coale, and to carry it farther, then her strength would well permit, perceived something to crack in her back. That night shee suffered lapsus uteri. Shee oft put it up, but it would presently fall down againe.

Faith
Ra-
worth.
The
womb
fallen
down

Being troubled, and discontented, and wearied with this affliction, in hopes to cure her self, shee went into the garden, and, laying hold on it, drew it, and cut it forth, with part of the vagina uteri.

and af-
terwards
cut forth.

A great flux of blood followed, with fainting. Shee swooned, and was taken up, more likely, presently to die, then to recover.

The womb was great, and deep, and shee had cut off some of the fleshy part of the neck of the bladder, with all the womb, and could not, then hold her water.

Seeking help to stay her water, and finding none, at last shee came to mee. I could passe my finger through the wound into the bladder.

I followed the way, that others had taken, to stich it up. But first I endeavoured to cleanse her body with purges, and turpentine pils. For in those parts, shee had a faint, raw, and unsavoury smell. After-

Eli-
za-
beth
Cor-
kin.

wards I scarified the place, where the wound was made; and, with double twisted silk, I stitched it up.

Whilest that the stitches did hold, her water came by the right passage. But, when they separated, her urine issued again by the old breach. It grew narrower, and lay deep. It could not, at last, be perceived where the orifice was, through which the water dribled.

Shee lived severall yeares with this affliction, and died uncured, her water alwayes comming night and day, insensibly dribling from her.

In S. Thomas Hospitall Anno 1659, there was a creature J. E. that was neither maid, wife, or widow. She had undergone much struggling, halings, and enforcements by her midwife, in the time of her labour to be delivered. Shee could badly go, and went stradling.

That worthy good man, Dr Wharton, pitying her troublesome condition, related her misery to mee.

Shee was taken into a private roome by the Dr, and Mrs. of the ward. In this woman I saw a great lapsus uteri, as big as two fists.

I put it up before them, and, having about mee an uterine pessary, that was round, and thin, and a little hollowish, being very light (it was made of ouler wood) I conveyed the same presently into vagina uteri. Shee found much comfort by it. It kept up the womb, and then shee was able to walk, without pain, in a comely gesture. Shee set herself to sweep roomes, and make beds, and was able to do any ordinary work without trouble. I willed her not to offer to carry, or lift any heavy weight, nor to use any violent exercise, or motion.

Whilest that shee observed these rules, and kept the pessary in

her body, shee was happy, and well, and freed of all disquiets. Shee was living in May Anno 1668.

De Molâ.

Old Dixe of Dawberry lees in Darbyshire married a young woman. Not long after, her belly grew great, yet shee proved not with child.

The common, vulgar people said, and usually reported, That his nature had poisoned her body.

Shee oft had great fluxes of blood, and, in those fluxes, avoided great clots of blood, and so shee was, for the present, eased of her paines.

But her belly did not fall, or grow lesser. Shee thus continued for severall yeares after her Husband's death.

Shee was, afterwards, married to one John Vaughan of Morley, nigh Darby. And I conceive that this woman had a mole in utero, for that her breasts did not swell, and had no milk in them.

Shee became leane in all her body, especially in her legs. But her belly was much swoln, as though shee had a dropsy. Her navel never stood forth. Twice, or thrice a yeare shee lost much blood, with severall clots of coagulated blood. At which times shee had some slight paines, as though shee was in labour. But, when this issue stopped, her paines abated, and shee was eased by this evacuation of blood.

And, for these causes, I confidently beleaved, That shee had a mole in her womb, too great to bee expelled, whereof, at last, shee died.

In France, and the Low Countries, they have many privileges, and customes which we cannot obtain in England. They open dead bodies, without any mutterings of their friends. Should one of us desire such a thing, an odium of inhumane cruelty would bee upon us by the vulgar, and common people.

Had this woman, after her death, been opened, I beleeeve, that, in the womb, a mole of a great bignes would have been found. See Pareus the 33 and 34 ch. concerning the Generation of man. fol. 625.

A dead child in a naturall Birth.

El.
Hurt.

D^r Harvey saith, That the water is the cause of the delivery of the foetus, which is dead, and putrefied in the womb. In that, by it's corruption, and acrimony, it doth extimulate the uterus to releeeve it self.

I was desired by a Gentlewoman, to come, and stay with her, for that, of ten dayes, shee had not perceived the child to move, or stirre in her womb; and, when shee lay on either side, shee found, that the child did fall unto that side, on which shee did lie.

I gave her cordials. Upon the taking of them 3 times a day, shee felt a heaving in her womb, but no motion of a child. At the end of these ten dayes, in the night, shee fell into labour December the sixth 1671, before foure a clock in the morning, I was called to her. The birth came naturally, and the child's head was easily born. The child stuck at the shoulders; but, by my finger put under the armepit, with easy drawing, it was soone brought forth; as also the after-birth came quickly. Thus, quickly shee was freed of a dead child about foure in in the morning 1671.

After shee was put into bed, for that shee was subject to lose

much blood, I gave her a drachm of the powder of white amber, prepared, and well mixed with the yolk of an egge, and, by degrees, it was made potable with a caudle, and all her sorrows were, through God's mercy, and permission, happily ended.

Lastly, I desired to have the child brought to mee. I found the navel string to have a muddy colour, and the child much flayed, and corrupted, and the body of it did greatly stink, so that I was not able to endure the sent of it.

Yet, I humbly thank God, shee is well recovered, and enjoyeth her health, and strength againe.

Elizabeth, the wife of John Stone, of Rudgway, fell into labour January the 25 167 $\frac{1}{2}$. The midwife forced the birth, and broke the waters towards night, and an arme came downe. Shee had two midwives, and both pulled, one after the other, the child by the arme, untill they had killed the child; and the arme was made black, and greatly swel'd by their halings, and was nigh pulled off at the shoulder.

Eliz.
Stone.

In their despairing to deliver her, I was sent for. The 26 day I came to her.

After I had seen her, and her midwives usage, and had felt her pulse, and had viewed her face; I went to her husband, and told him, That, with God's permission, I could lay his wife, but, in all likelyhood, shee would not recover, but die not long after the delivery of this child; for that shee had been ill used by her midwives, and her body was destroyed by them. Yet hee desired to save her life, and shee, mightily, to bee layed.

I placed her kneeling on a bolster, and putting down her head

in a bending, descending posture, by the child's feet, shee was quickly laid; and the after-birth was soon fetched away, and shee was put into her bed.

But her feet were cold. Unto them were hot bricks applied (wrapped in cloths) and her face was kept warm with hot linens. But her chin continued cold, and would not bee warmed with hot linen cloths, oft put under it. After this, shee complained of a stitch, which took her in the left side, but it was removed by a tallow brown paper, with warme applications.

Shee had a decoction of cloves, made of equall parts of white wine, and water; of which shee drank, to mitigate her after-paines. To her navell was laid a plaister of raw Galbanum, and her nostrils were anointed with oile of amber.

At last, shee could not swallow, and, about eight houres after her delivery, between ten and eleven, shee departed that night.

The Mid- wives.	{	1. Felice Hollinghurst of Rudgly.
		2. Elizabeth Walthur of Stafford, a Butcher's wife.

There is an infirmity (though it seldome happeneth, or is seen by physicians, or chirurgions) called *Cauda mulierum*, and it causeth great flouding, of which I will make some mention, because I have seen it.

There was a maid, a miller's daughter in Darbyshire. Shee oft, at severall times, lost much blood, issuing violently, before it stopt.

Shee came to mee Anno 1638 for help. Shee shewed mee a long, round lump of flesh, like a dog's pizzle in shape, and thicknes, which shee could put forth of her body, when shee stooped downward.

It lay on one side vagina uteri, and had a hollow sheath to cover it. When shee stood upright, it went up into her body, and then it was not to bee felt, and from this cauda the flux of blood issued.

I used severall wayes for her ease, without any good successe. At last, I resolved to take it off with a ligature, for that it had no great root.

But this maid, grieving at her affliction, went alone into the garden, took hold on it, and, with a violent twitch, pulled it off. She did greatly bleed afterwards. Being taken up from the ground, shee was supposed to bee dead. Being carried into the house, and laid on a bed, shee came againe unto herself. And thus, casually, shee was cured, and was not, afterwards, any more troubled with bleeding, or any other infirmity of the womb.

There came into my house, at Darby, my honoured good friend Dr Harvey 1642.

Wee were talking of severall infirmities, incident to the womb.

After that I had related the foregoing story de caudâ mulieris, and how shee flouded, and was cured, hee added to my knowledge an infirmity, which hee had seen in women, and hee gave it the name of a honey-comb, which also, hee said, would cause flouding in women.

Some twenty yeares after I was desired to come to an ancient, good woman, aged about three score; that, then, began to floud, and never afore that time. And this issue of blood seized on her once a moneth, or oftener; and in so violent a manner, that shee would make wet, with her blood, severall black cotton cloths, in lesse space, then three quarters of an houre.

And this flux would not stanch, untill that shee became pale, and weak, ready to faint away.

I gave her seven graines of the inner part of an unripe, green gall, with the same quantity of blue vitriol, mixt with a little conserve of red roses.

The medicine made her once to vomit, but it did not purg her, and shee never flouded after the taking of this medicine.

I found, by my finger, a swelling, nigh the upper part of vagina uteri, towards one side of the womb, there sticking, to my thinking, like a spung, or a honey-comb; at the end whereof were some small tumours, like to the blind piles, but the tumour did not, at all, afflict her.

The losse of this bloud did adde weaknes to her body, but the severall disquiets, which shee oft received from a troublesome daughter, did much more grieve her, and trouble her spirits; and, somewhat more, then half a yeare after, shee died; not through the losse of bloud, but, rather, of troubles in her mind, which shortened her dayes.

Her husband was my familiar friend, and, by his discourse, in talking with mee, hee made it very manifest, That shee long had this tumour called a Honey-comb in vaginâ uteri, growing towards the neck of the womb.

Of the tunicle, or membrane, called Hymen.

Pareus, in his 42 ch. de generatione hominis, saith, That in some virgins, or maidens, in the orifice of the neck of the womb, there is found a certain tunicle, or membrane, called, of ancient writers, Hymen, which prohibiteth the copulation of a man, and causeth a woman to bee barren.

This tunicle is supposed, by many, to bee, as it were, the enclosure of the virginity, or maidenhead, hee saith.

I once saw it in a virgin of seventeen yeares. It was a very thin, nervous membrane. It grew a little above the nymphæ, near unto the orifice of the neck of the womb. In the midst thereof was a very little hole; whereout her water did flow. I, seing the thicknes thereof, cut it in sunder with my scissers, and told her mother what shee should do afterwards; and shee married afterwards, and bore children.

But this tunicle is very seldome seen, so—saith Pareus.

Whilest that I lived in Stafford, out of the More-lands, a child, about seven yeares of age, in the yeare 1655, was brought unto mee, having this membrane called Hymen.

After that I had bound her in that way, as they do their patients in cutting for the stone, into the small orifice I put a crooked forceps; with the dilatation of the instrument, the thin membrane was easily torne open, and I had no need of scissers, or of an incision-knife, to divide the skin.

Pareus, in his 43 chapter, saith, That John Wierus writeth, That there was a maid at Comburge, who, in the midst of the neck of the womb, had a thick, and strong membrane, growing overthwart. So that, when the monethly termes should come, it would not permit them, which caused a great tumour, and distended the belly with great torment, as if shee had been in travail with child.

The midwives being called, and having seen, and considered all that had been done, and did appear, did all, with one voice, affirme,

That shee sustained the paines of childbirth; although the maid herself denied, that shee ever dealt with man.

Therefore, then, this foresaid Auctour was called, who, when the midwives were void of help, and counsell, might help this wretched maid, having, already, had her urine stopped three whole weeks, and perplexed with great watchings, losse of appetite, and loathing. And when, hee had seen the grieved place, and marked the orifice of the neck of the womb; hee saw it stopped with a thick membrane.

Hee knew also, That the sudden breaking out of the bloud into the womb, and the vessels thereof, and the passage for those matters, that was stopped, was the cause of her grievous, and tormenting paine.

And therefore hee called a chirurgion presently, and willed him to divide the membrane, that was in the midst, that did stop the flux of bloud, which being done, there came forth as much black, congealed, and putrefied blood, as weighed some eight pounds. In three dayes after shee was well, and void of all diseases, and paine.

I have thought good to set downe this example, because it is worthy to bee noted, and fitting to bee imitated, if that the like occasion should happen.

The report of James Guillimeau the French King's Chirurgion in his second book ch. 8. fol. 108.

In the yeare 1607 in May Mr. de la Noue, the King's Chirurgion in ordinary, and sworne in the Chastelet of Paris, was called to search a young woman, the wife of a Goldsmith, who had been cited by her husband to appear before the official of Paris, alledging, That shee was not capable, nor fit, by nature, to bee married; which was an occasion

that Germane Hassart (a midwife) and myself were sent for, to search her. Where wee found, That, in the very entrance of the womb, there was a membrane, so strong, hard, and thick, that a man's finger (and much lesse the other part) was not able to break it open ;

Hee having oftentimes made triall to do it, whereby he had incurred a Paraphymosis. And, therefore, it was concluded, that her husband had a just cause to cite her ; but, yet, for all this, that it was curable.

Whereupon her Husband thought good to call Mr. de Levyre, and Pietre, sworn chirurgions at Paris.

Then, wee all there concluded, with a generall consent, to make an incision of the said membrane ; which was done, and dressed, and healed, to her husband's content.

Onely hee was somewhat doubtfull of that, which the said de la Noue had observed, and told him, That his wife's belly was big, and that shee was qualmish, and distasted, vomiting every morning, which made him suspect, That shee was with child. Whereupon, a midwife told him, That there was no likelyhood, nea, it was impossible to think, That a young woman, of eighteen yeares of age, should bee with child, her husband having never entered within her maiden cloister, and that, with threshing onely at the barn doore, shee should bee full.

Whereupon Mr. Pietre was sent for, who thought, at first, hee could not bee induced to beleieve it, yet, at length, having well considered thereof, gave his judgement, That shee was with child, which proved true ; For, about some foure moneths after the incision was made, shee was happily delivered, at her full time, of a fair daughter.

Superfetation.

Pareus saith, That superfetation is, when a woman doth beare two, or more children at one time, and they bee inclosed, each in his severall secondine. But those, that are included in the same secondine, are supposed to bee conceived at one, and the same time of copulation, by reason of the great, and copious abundance of seed. And these have no number of dayes between their conception and birth, but all at once.

Superfetation is no other thing, then a certain second conception, when the woman, already with child, again useth copulation with a man, and so conceiveth again, according to the judgment of Hippocrates.

This is a most manifest argument of superfetation, That as many children, as are in the womb, (unles they bee twins of the same sex) so many secondines there are, as I have often seen my self. And it is very likely, That, if they were conceived in the same moment of time, that they would all bee included in one secondine.

Dr. Harvey of the birth fol. 479 reports, That a certain maid, gotten with child by her master, to hide her knavery, came to London in September, where shee lay in by stealth, and, being recovered again, returned home. But, in December following, a new birth (for shee had a superfetation) did proclaime the crime, which shee had cunningly concealed before.

Some women, that have suffered abortment, have conceived two children at the same time, and the other hath continued the full time, and been brought forth perfect.

Mrs.
Grant.

A Gentlewoman in Darby, after that shee had laien in her moneth,

and was preparing to go to the church, with her neighbours, to give God thanks for her safe delivery, was taken with sudden paines, like throws, whereupon shee returned againe into her chamber; there, that day, shee had an unexpected superfetation, and was delivered of another child.

Abortion.

Pareus saith, That abortion, or untimely birth is one thing, and that effluxion is another.

They call abortion the sudden exclusion of the child, already formed, and alive, before the perfect maturity thereof.

But that is called effluxion, which is the falling down of seeds mixed together, and coagulated but for the space of few dayes, in the formes of membranes, or tunicles, congealed blood, and of any unshapen, or deformed piece of flesh.

The sayings of Dr. Harvy.

I have, sometimes, known the conception to perish in the womb, and, being turned into a putrid matter, to have glided, and issued forth (like the flores albi) and this, both in women, and other animals.

There was, not long since, a woman in London, which, after such kind of abortment, did conceive again, and was delivered at the just time.

But, a little after, as shee went about her work, being not in great pain, or distemper, shee did eject, by pieces, the black little bones, which related to her former abortment.

Some of these bones were brought to mee, which I could discover to bee the fragments of the spine, the bones of the thigh, and of other bones.

See the Countesse of Chest.

Susan Love, the wife of Richard Love, a gardiner, and souldier in Darby Anno 1643. This woman had a child, that rotted from her womb, in great lumps, the bones and flesh came sticking together.

There was a great piece of the flesh brought to mee, containing part of the forehead, and cheek, with all the flesh about the eye, and the eye not broken, sticking in it in one lump.

With giving her medicines to keep open, and to cleanse the womb, shee, through God's great mercy, and permission, recovered, but hath had no child since that time. Shee, yet, is living 1671.

I came casually into a friend's house, I found the good woman in labour, and the midwife too busy, in striving to deliver this woman of an abortion.

I desired the midwife to put her into her bed. There, after some warme keeping, shee did, without the midwife's haling, miscarry.

There came from her a thin membrane, filled with clear water, and one might clearly see, through this membrane and water, two small, white substances, not altogether as big as barley cornes, swimming in the water, each of them having a navel-string, and they both were enclosed in one membrane; and these two small substances, though easily touched, separated into severall parts, having no thicker consistence, then coagulated creme.

I beleeeve that this thin membrane was Amnion, comming away entire, not breaking the coat, and containing in it the colliquamentum, or purer humour, mentioned by Dr. Harvy, for that a secondine, with some little skin, representing a peare, came afterwards, which I took for chorion; and it was hollow in the midst.

February 22 Anno 1652; There was a worthy, good woman, that miscarried. From her body was brought unto mee a perspicuous, thin membrane, full of very cleare water, in which was a small, little, white lump, hanging by a navell-string, and swimming in the water.

After this followed a thin, lumpie piece of flesh, perforated, and hollow in the midst, like a purse.

And, unles the first was amnion, with the waters contained in it, and the other chorion, I cannot imagine what these two severall membranes should bee.

I was sent for to visit a gentleman's wife, about the yeare 1664, that had an abortion. The midwife shewed mee a lump of gristly flesh, representing a cock's gizard, with the side perforated, with a long slit, by which I knew that shee had miscarried; and this was the secondine, and I have seen it in severall women, that have had abortments.

But the Amnion, comprehending the thin, and transparent water, comming whole away, I never saw many more, but in these two onely mentioned.

I was brought to a woman in Nottingham Town, from whom all the fleshy parts of her child consumed, and rotted away in her womb, and shee had ejected severall dry, bare bones of the armes, thighs, and legs, some whereof I took from her body before severall women.

At Twi-
ford
Mrs.
Har-
pur.

The mouth of the womb was scirrhus, somewhat open, and filled full of many bones.

At last her side impostumated, and out of it was taken the child's skull. I desired a chirurgion to look unto her. Shee was poore, and I feare hee neglected her. Shee died Anno 1632.

Sennertus de partu nullo.

After a full time, it may so happen, That signes of delivery may appear, and that a woman may have paines, and that the water may onely issue, and that, afterwards, all paines may cease, and return no more.

Goodwife Cole of Redemarton in Gloucester-shire, having a great belly, supposed her self to bee with child. Shee kept her midwife a fortnight, or longer, in the house with her. At last, the womb opened, and the waters dribled severall dayes together. By degrees, her belly did fall, and became little, and her expectation ended in nothing. Shee lived severall yeares after, but gave over bearing children 1624.

I was with a woman of Newcastle under Line in Staffordshire, her belly was big, as though shee had been nigh downe lying.

Shee had much paine on her, day and night. Her womb opened, and part of chorion descended, like a gut, two inches long, and as thick as two fingers, full of water.

Shee continued with her great belly, full of misery, above a moneth after this time. Then the membrane chapped, and the waters, by degrees dribled. Her belly fell, and the tumour went away, and shee recovered.

Dr Harvey reporteth, That hee did know a young woman, who was daughter of a physician, who was his neare acquaintance, which, being big, felt all the symptomes incident to women in that condition, and continued hearty and spritely. After fourteen weekes, shee perceived the motions of a foetus in her womb, and, having finished her time for going with child, conceiving the houre of her delivery to bee nigh at hand, shee had her bed furnished, her cradle ready, and all the implements, pertaining to the purpose, laid out for use.

But all these preparations came to nothing, and Lucina was crosse to her wishes, for her customary paines left her, and her belly, as it rose by degrees, so it sunk again. But shee remained barren ever after.

This same accident happened to an acquaintance of mine in Warwick-shire. Shee never had any child afterwards.

Also Dr Harvey did know a noble matron, who had borne above ten children, and whose courses were never suppressed, unles shee were with child.

But, being, afterwards, married to another husband, besides other usuall signes, shee apprehended her self to bee with child, by the stirring of it (which both shee her self, and her sister also, who then lay with her in bed, did, many times, in the night, perceive) and all the arguments, I could suggest, could not remove that perswasion from her; till, at the last, all her hopes vanished into flatulency, and fatnes.

Therefore Dr Harvey saith, So that, sometimes, the most approved signes of ingravitation have not onely deluded the silly women, but the experienced midwives, and the skilfull physicians themselves.

There are severall false indications of gravitation. Wee must not

rashly determine of the inordinate birth, before the seventh moneth, or after the eleventh.

E. W.

There was a Gentlewoman, a very good friend of mine, who heartily laughed at the folly of an ill bred, dogged, and covetous clown, that had abused her, Anno 1646.

That night following shee was taken with various movings, or motions in her belly, like to the moving of a lively child, and these motions continued, and did accompany her body, chiefly, in the night, for a moneth, or longer time, untill her courses did break again upon her, and then they ceased.

Nobody would have thought these motions any other thing, then the lively stirring, or moving of a child.

In June 1631 There came into my chamber at Darby the wife of Thomas Hood of Hallington, having a great belly.

Shee desired mee to take my instruments, and to deliver her. Shee said, That, in March last past, shee was in strong labour, and had many throwes to enforce the birth. That shee had two midwives, Goodwife North, and Goodwife Goodwine, to assist her in travaile. That they both felt the child, and hoped that every throwe would have delivered her.

When, suddenly, in the height of her labour, her paines ceased, and her body again closed up, and, from that time, shee never had any pain, or more dribbling of the waters; nor, since, felt the child to move. And her husband witnessed the same, both affirming, That, afore, the child was a lively, moving child.

I sent her to her lodging. I gave her musk in claret wine mulled.

But the child had no motion, and it caused no alteration in her body. Wherefore, for the present, I desired her to be patient, and promised her, if ever shee had any more labour, or that, at any time, her body again opened, that I would be ready to help her the best I could.

But, being impatient, and not brooking delays, shee put her self under the hands of a beggery, wandering woman, that promised to cure her.

The wanderer gave the powder of white hellebore unto this great bellied woman, which much swelled her body, and threatened to endanger her life with suffocating fits.

This wanderer, seing her patient very ill, and that her physick did not work, as shee expected, went unto an Apothecarie's widow, and desired her to give her any purge. So shee let her have two ounces of syrup of roses, which set the hellebore on working.

The operation was very violent, in forcing many vomits, and stooles.

For all this, the greatnes of her belly continued without any abating.

I saw this great bellied woman some fourteen moneths after this time. Her belly grew greater, and shee was much weakened through her infirmity.

And, from her groin, shee had very great, and larg venes, ascending to her breasts.

About November, afterwards, this great bellied woman, in this her weaknes, did take a vomit from an ignorant man. It made her sick.

At the first motion of the working, shee became very faint. At the second vomiting, shee died.

Her neighbours desired my comming to open her belly, but I was not at home.

A woman, among this company, did cut open her belly, and womb. And there was found a female infant, which began a little to corrupt on the crown of the head, and at the finger ends, and toes.

All the rest of the body was sound, not in any place offering to corrupt.

This child, after the usual time of women going with child, shee carried in her womb above two years, seven moneths, or a longer time.

This wandering woman, her physician, leaving Loughborrow, in her comming nigh to Darby, was delivered *of a child in a ditch without the help of midwife, or any assisting woman* shee took up her child, and brought it with her alive to Darby. So shee escaped hanging.

A child
born in
a ditch.

Shee took upon her great matters, and rare cures in Physick, and chirurgery. Her Apothecarie's shop was a butter milk can, in which shee kept the universall medicine to cure epilepsies, Palsies, Lethargies, Consumptions, Dropsies, the lame, and blind; swel'd, as also all withered, decayed members. But, her practice failing, shee fell to theeving. Shee was necessitated to flie, and run away from Darby, fearing the Hangman's Budget.

I make mention of these reports, for that I knew each of these passages to be true. And I admired at the gathering again of new waters, in which the infant was long preserved, without any more putrefaction.

There was a strang, yet true accident, which happened at Ashburne in Darbyshire.

At the first hearing of it, and for that I would bee more certainly informed of the truth, I sent unto my friend Mr Abraham Mercer, lecturer of the place, desiring him, to let mee have a true relation of it, and from him I received this certificate December the 9. 1667.

Emme, the wife of Thomas Toplace, was five dayes in labour. The sixth day, shee had a medicine given her, to ease her paines, by a Doctor of Divinity, pretending some small skill in physick. After the taking of the medicine, in the evening, shee was supposed to bee dead; and, after nine a clock that night shee was buried.

Dr.
Kettle-
by.

As shee was carried to the grave, some thought, that they heard a rumbling in the coffin. A noise was heard like the breaking of a bladder, after which followed a noisome smell. Shee had an ill conditioned man to her husband, that frequently gave her evill words, and, oft, blows with them.

Her Husband, with his mother, and the midwife, with some other women, made haste to bury her, having, among other things, filled her mouth with hurds.

Severall women were much troubled at her hasty buriall, and thought, That shee was not dead.

Among this company there was one Anne Chadwick, by name, that returned to the grave; and, laying her eare to the ground, shee heard a sighing, as it might bee of one dying in that grave.

A souldier, being with her, heard the same, and hee affirmed, besides the sighing, that hee heard the crying of a child.

They went to Mr. Pegg, a Justice of the Peace in that Town, and told him of it, as also the minister, and others, what noise was heard in the grave; and Anne Chadwick said, That shee beleevved that the woman was alive.

The earth was cast off from the coffin, and the coffin was found somewhat opened, where, formerly, the bords were joined together, with a ridg at the top, and the coffin was hot.

After that, it was opened; the woman's hand was seen bare, and some saw hurds lying on her breast, and in her hand, with which her mouth had been stopt by her husband's friends. And it was beleevved, That the buried woman had pulled those hurds out of her mouth with her own hand, after that shee was interred.

Another woman put downe her hand, and found a child, delivered in the coffin, and descended as low as her knees, *or lower, with one hand in the mouth, and the other extended by the side*, and the after-burden was also come from her.

Her husband, with his mother, and the midwife, with others, which laid her forth (after her supposed death) were much displeased, that the grave was opened, and at the murmuring of the people. Hee gave threatening words against some of the company; but, at last, hee thought that it was his best way to bee quiet, and to let all their words, and deeds sleep with his deceased wife.

I shall leave her husband, and his mother, and the women, that would have her so suddenly buried, to bee censured, as each particular person pleaseth.

Whether this woman was alive, or dead, when shee was buried.

Elizabeth Shent, with her mother Anne Chadwick, with others, affirme these passages to bee true, and the coffin was left open all that night, that the bodies of the mother, and the child might bee seen by all those, that would look on them.

Mr Abraham Mercer, also, took a certificat out of the Parish Register book, where it was thus recorded.

April the 20, 1650 was buried Emme the wife of Thomas Toplace, who was found delivered of a child, after shee had laine two houres in the grave.

For this woman's sake, I would not have women to bee suddenly buried, dying in child-bed, before signes of putrefaction do manifestly appeare. Especially, if that they have taken any medicine to ease pain, and cause sleep.

Dr Harvey fol. 492 saith, How great furtherance the foetus doth confer to its own birth, severall observations do clearly evince. Farther hee reporteth,

That a certain woman here among us (I speak it knowingly) was (being dead over night) left alone in her chamber. But, the next morning, an infant was there found between her legs, which had, by his own force, wrought his release.

There was a naturall foole, shee had good friends. It was her mishap to prove with child. Her friends were very carefull of her, and shee lay between two women every night, and, by them, shee was looked unto, and attended.

But, at the last, not knowing what labour was, as these women slept, finding her belly to ake, shee stole from between them, and hasted to a ditch side, where did run a small rivulet of water; There, supposing to ease her belly-ach, *instead of a naturall stoole, an abortion came from her.*

This business was soon begun, and quickly ended, and shee presently returned.

But the women, her attenders, missing her, did arise to follow her, and they met her nigh, comming towards the house. They asked her where shee had been; shee said, That her belly did ake, that shee went to the ditch to grunt, that some-thing was come from her, and that it lay on the bank.

So this poor creature, not knowing what labour meant, was, through ignorance, by Dame nature, quickly, and easily delivered; and, instead of going to the ground, was freed of an abortment.

Nevertheles the Coroner sent this poor foole to the Goale. Shee knew not how to plead for her life. I was heartily grieved at her simplicity. I moved the Coroner to speak for her. Hee informed the judg, that it was a very small child, and the whole Bench saw that shee was a foole. It was in the Protector's dayes, and I feared that shee would have summum jus.

The judg shewed the statute-Book to the jury. Neither judg, nor jury regarded her simplicity. They found her guilty, the judg condemned her, and shee was, afterwards, hanged for not having a woman by her, at her delivery.

Let all honest women take notice how easily, and quickly shee was delivered, through warme keeping, and quietnes, without a midwife.

Let the looser sort fear to commit folly, and, if casually they should transgresse, to bee carefull, not to bee alone in their travaile, least they should suffer, as this poore, simple creature did.

And let all midwives bee assured, That it is not their labours, in pulling, and haling their women's bodies, that causeth delivery.

But that it is the work of Dame nature. And that the apple, peare, or plumb, or any other fruit, being full ripe, will fall off it self, without enforcement.

Felice Hollinghurst, midwife at Rudgeley in Staffordshire, certified mee, That Alice Harrison, a servant, being with child, but not mistrusted, dwelling at Ingam-Thorpe in Cank wood, hasted to a midden, in which shee made a hole, into which the fruit of her body (a female infant) was suddenly dropped. Shee, seeing her Mrs comming, did leave the place. Her Mrs, hearing a child to cry, went to the hole, and took up the infant, smeared with muck, and carried it into the house. The woman was caught, and brought to the child, and shee was happy that it pluckt her breast, so shee escaped the gallows about the fall of the leaf 1668, or 69.

Country Observations.

Let midwives observe the countryman, how he will bring his cold, stiff bootes, or shooes to the fire, how hee will warm them by degrees; and, afterwards, how hee will smear them over with grease, and then rub it into the leather.

Thus doth hee make his boots, or shooes to become limber, soft, and easy to draw on, without hurting his feet, the which hee could not do afore, but with much struggling, and hurting himself, and torturing his feet with paine, and endangering the tearing of the leather.

Midwives, think of this leather, when that you anoint your women's bodies with ointments, or balsamum Hystericum. See fol. 177.

Observe the Smith, when hee is called to open a lock, that is out of order, how he will smear his key with grease, before he endeavoureth to open the lock; and how he will gently move it up, and down, not striving with violence, and sudden motions, to unlock the same; and how, at last, through patience, and easy motions, hee becommeth Mr of his desires, without breaking the key, or spoiling the lock.

The womb is a place locked up. Let midwives so deale with their travailing women, so will the birth be more easy, and the child not pulled to pieces, or destroyed, nor the woman torn, or ruinated by the midwife's struglings, or stretchings of their bodies. In fitting time nature will open the womb.

Let all midwives observe the wayes and proceedings of nature for the production of their fruits in trees, the ripening of walnuts, and almonds, from their first knotting, unto the opening of the husk, and falling off the nut, and considering their signatures, to take notice, how beneficiall their oiles may bee for use in their practice, for the easing of their labouring woman.

Both these fruits have their green husks, without any chappings, sticking so close unto them, that it is not possible to separate the husk from the shell, in which the fruit is inclosed, whilst that it is green, and unripe.

But, as the fruit ripeneth, so, by degrees, this husk, of it self, will separate from the shell, which, at last, by it's own accord, chappeth, and, with a fissure, openeth, and, by degrees, separateth from the fruit. Then doth the husk turn up the edges, and give way, without any en-

forcement, for the falling off the nut. Lastly, how this husk becometh black, and rotteth away from the tree, representing the comming away of the secondine.

This signature may teach the midwife patience, and to perswade them, to let nature alone, to performe her own work, and not to crosse nature, in disquieting their women by their laborious struglings.

For, as I have oft said, such enforcements, used by ignorant midwives, do rather hinder the birth, then, any way, promote it, and that they oft ruinate the mother; and, usually, the child, and too often destroy both mother, and child.

An egge representeth the womb. Now the hen, with keeping the egge warm, doth breed the chicken, the which, when it is come to maturity, doth chip the shell, and, by degrees, is hatched, without being navell-gauled, or made bloody in any part.

But, if the countrywoman will hasten the hatching of the chicken, by endeavouring to pull off the shell from the chicken, shee then maketh an effusion of blood, and a navel-rupture, so the guts of the chicken falleth out of the body, and the chicken dieth.

So hasty midwives oft cause effusions of blood, in the delivery of women, and too oft destroy infants, by their too officious struglings in the woman.

Whereas, if the countrywoman would let the hen alone, and the midwife not trouble the labouring woman, both chicken, and infant might better bee saved.

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THE COUNTRY MIDWIFE'S
OPUSCULUM OR VADE MECUM.

SHEWING THE WAYES HOW TO DELIVER
ANY DIFFICULT BIRTH

BEE IT NATURALL OR UNNATURALL.

PUBLISHED FOR THE HELPING AND EASING OF WOMEN IN THEIR
EXTREMETIES AND FOR SAVING THE INFANT'S LIVES.

LONG PRACTISED AND WITH GOOD SUCCESSE USED IN THE
TIME OF THE WOMAN'S TRAVAILE.

DIRECTING HOW THE MIDWIFE SHOULD CARRY HER SELF IN THE
HANDY OPERATION
FROM THE BEGINNING TO THE ENDING OF THE WOMAN'S DELIVERY.

By PERCIVALL WILLUGHBY,

Gentleman.

THE COUNTRY ENGINEER

ON THE ACTION OF WATER UPON THE COUNTRY ENGINEER

SHOWING THE EFFECTS OF
THE DIFFERENT KINDS

OF WATER UPON THE

STRUCTURE OF THE ENGINE AND THE EFFECTS OF THE

DIFFERENT KINDS OF WATER UPON THE

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UPON THE STRUCTURE

OF THE ENGINE AND THE EFFECTS OF THE DIFFERENT KINDS

OF WATER UPON THE

STRUCTURE



There bee diverse births mentioned by severall Auctors, with their various formes of the child proceeding forth of the womb, expressed, and shewed by their schemes.

All which may bee reduced to two, either to the head, or to the feet.

The birth, comming by the head, is called a naturall birth. The birth by the feet is called by midwives an unnaturall birth.

To these may be added the birth by the buttocks, which is not usuall.

And by one of these three wayes all women bee delivered.

But, for that the birth, comming by the buttocks, may bee easily altered, and that the infant may bee brought forth by the feet; as also, for that this birth hath been fatal to some women, and may again prove dangerous to others, unles it bee turned to the feet, I therefore say, that all births bee produced either by the

Head or by the feet,

All unnaturall births comming by the arme, belly, or back, side, or buttocks, or by the knees, or with a distorted neck, may easily and quickly bee brought to the feet.

And by the feet of the infant (unles the birth bee monstrous, or much besides the usuall limits of nature) an understanding midwife may quickly deliver her labouring woman of all unnaturall births (shee having no ill conformation of the bones, occasioned by the rickets, or too narrow a passage, or by other unusuall infirmities, or tumours, or sores in the genitall parts) although shee have no throwes to assist nature for the thrusting forth of the birth, by drawing the infant gently by the feet.

The birth by the feet usually proveth good, and fortunate, so that the midwife knoweth, and understandeth the well ordering of the delivery.

Let midwives read what hath been written in my observations, let them consider diligently the severall reports, not fained, or taken upon the supposition, or the surmized thoughts of Auctors, or man's fantasy, sitting and meditating in his study; but on that, which really de facto hath been performed by mee in the travailing woman's chamber (through God's assistance, and his gracious permission) before severall midwives, by mee assisted, and other women there present.

And God Almighty, in mercy, give, and increase to midwives their knowledg, and understandings, with much tender affections, and willingnes to comfort; and help all their suffering, and distressed women, desirous of their assistance in the afflicted time of their travaile, as well the poor, as the rich.

And let midwives know, That they bee nature's servants, let them alwayes remember, That gentle proceedings (with moderate warm keeping, and having their endeavours dulcified with sweet words) will best ease, and relieve, and soonest deliver their labouring women; after that

their bodies bee prepared, and fitted for their labours, by gentle clysters, which must bee but little for quantity (not past six ounces) a little warmed, and given luke-warm, the which must bee retained as long as possibly may bee, for the better bringing forth of the common excrements, which might obstruct the passage; and to supple, and to dilate the way, for the making of a more easy delivery; unles nature of it self doth performe this work, by giving of a loose stoole, or two, before the approaching labour. In which case clysters, or other medicaments may bee forborne.

And let the midwife (before shee commeth to her pallet-bed, or knees) perswade the labouring woman to make water, so that the fulnes of the bladder may not straiten the wayes of delivery.

And, for the labouring woman's chamber, let it bee made dark, having a glimmering light, or candle-light placed partly behind the woman, or on one side, and a moderate warming fire in it, and let it not bee filled with much company, or many women; five, or six women assisting will bee sufficient.

And, having her body anointed with Balsamum Hystericum, let her now and then (if shee please) walk gently in her chamber, or to lie quietly on her bed, untill Dame nature (Eve's good midwife) shall will her to lie on her bed, or to come to her knees, for her more quick, and easy delivery.

Every Countryman knoweth (through his observations) That each fruit (bee it apple, peare, or plumb, nut, or acorn) that when it is full ripe, that it will drop off it self without shaking of the tree.

But, that green, immature fruits will not bee soon brought down, but that the shaking violently doth oft break the branches.

And so putting women to labour before fitting time, together with haling, and enforcing their bodies, doth no good, but hurt, and hindereth their delivery, and oft ruins the mother, with the infant, by lacerations, and the forcible struglings of the midwife.

And I would have no medicines given to force throwes, unles nature faint, and that towards the end of the travaile.

I have read many bookes, with all the late writers in midwifery, and I do perceive that they all keep, and follow one common road, taking their severall schemes, or figures, with the explanations of them, one from another, changing nothing from the dictates of their foregoers.

In severall of these schemes various things may bee perceived, which will bee troublesome to any labouring woman, which a judicious practicer well observing will not follow, or approve necessary to be usefull, for that they will, no way, comfort, or help the labouring woman. See the schemes in what I have varied from their opinions.

From mine, or their directions let midwives chuse the best, and facilest wayes for the relieving, and easing their women in affliction.

And, to decide all various disputes, let reason bee the Judg, let opinion, and experience argue the dubious doubts, and wayes of practice in midwifery, and, after a full debate, let unspotted truth record for succeeding times, what is most fit to be followed, and used.

And for that all women bee delivered, usually, either lying on a pallet-bed, or kneeling upon a bolster; if the woman bee weak, a pallet-bed may bee thought the most convenient place.

But, if shee bee strong, and of an able body, and the child lively, I then know no cause contradicting, why shee may not bee as well, or, rather, better laid kneeling on a bolster, then lying on a pallet-bed, when that her body is fitted for the birth; with this caution, so that shee will not bee overruled by the midwife, to make too much hast to come unto her knees for her delivery.

For, in so doing, the ignorant midwife will take occasion (least that shee should bee thought to bee idle in her calling) by too much struggling, or haling, to make the birth (which, of it self, would bee easy, and quickly laid) to become difficult, and of long continuance, and very dolorous to the woman.

I have known that it hath proved a great happines to some poor women, for whose delivery the midwife did not make too sudden hast, that they have been better, and easier delivered in the midwife's absence, through nature's force, then, in probability, they would have been with her assistance, as severall of my observations will make manifest.

And in such creatures, as desire to conceale their great bellies, that these have been helped better without midwives, by nature's force, and sooner delivered, then honest, good women, that have suffered the struglings, and the too much hasty officiousnes of conceited midwives.

When all the gates bee set open by nature, and there is no obstructive hinderance left in the way, the retentive faculty being weakened, and the expulsive made strong; then nature will thrust forth,

with ease, whatsoever is in the body retained, which confirmeth the sayings of good Auctours, That the longer the woman retaineth, and retardeth the birth, the easier, and more succesfull proveth the delivery.

Therefore I have adviced some women, that have formerly suffered much bitternes, and pain by their hasty midwives proceedings, not to bee too forward to thrust themselves into their midwives hands, and not to let the midwife force them to sit on her stoole, or woman's lap, or to come to their knees, nor to touch them, more than to anoint their bodies, untill the waters should flow of themselves, without any enforcement from the midwife; and that, with their owne fingers, they could touch the child's head; and yet, for all this forwardnes of approaching delivery, not to hasten to their knees, before strong, through throwes did come upon them, to force forward the birth; assuring them, That it was no part of the midwife's office to force the birth, her part and duty was onely to receive the child.

Many women have given mee thanks for such directions, telling mee, That, in observing of them, they had found much ease, with a better delivery, then, formerly, they have had.

In a naturall birth, the labouring woman, kneeling at a convenient and fitting time, in a bending posture, holding her hands about another woman's neck, that sitteth afore her, having a pillow laid on her lap, on which the labouring woman, resting her belly, will have much command of her self, and of her belly, in this bending posture; and more, then if shee did sit on a woman's lap, or on the midwife's stoole; for that the birth will bee pressed somewhat forward by the pillow, and her own thighes; and, through this bending posture, shee will bee the speedier

delivered, leaving the midwife nothing more to do, then to receive the child.

And the woman, that sitteth afore her, on whose neck shee leaneth, may much ease her, by putting her hands under the woman's armes, the better to stay, and bear up her body, as shee kneeleth.

In all unnaturall births, comming with the feet forwards, the woman will not bee so well delivered, unles shee kneeleth on a bolster, in a bending posture, during the time of her delivery, and the midwife to bee placed behind the woman, to help the woman, by gentle drawing the child by the feet.

In all births (whether natural, or unnatural) where there is need to alter, and turn the birth to another posture, the woman will not conveniently bee delivered, unles shee kneeleth on a bolster, and have her head put down in a slope descending posture, to rest on a pillow, placed on a woman's lap, sitting before her on the bed, for the better returning of the child back again into the womb, and for the getting of a larger passage, to find out, and to fetch forth the feet of the child, the which cannot well bee don, as shee lyeth on her back, overthwart the bed; in which posture shee must bee kept, untill the midwife hath brought forth the feet of the infant, and hath received them in a soft linen cloth, for the easier holding, and drawing forth of the feet.

Then let the midwife raise up the labouring woman's head, and keep her knees in a slope, bending posture, ascending, with her hands holden about the woman's neck, that was sitting on the bed afore her.

In which posture let the midwife keep the woman kneeling, untill shee hath drawn the child forth unto the loines, then (if need require)

shee must turne the infant's face towards the back of the woman, and afterwards draw gently again, untill the infant bee brought to the shoulders, or to the neck.

Then the midwife must slide up her hands between the woman's backbone, and the child's face, and put her middle finger a little way into the child's mouth, to presse down the chin into the child's throat, and after placing her other two fingers on each side of the child's nose, so draw forth the child's head, gently, and leasurely; holding by the child's body, or feet, as shee draweth, untill shee hath brought it forth.

And I humbly thank God, that I ever found this way good, and easy to bee performed for the woman's safety in the delivery, and ever prosperous for the saving of the child's life.

In false conceptions, and small abortments, let not the midwife trouble the woman in being too busy, with her too much officiousnes, to bring it away, for that nature, and her own strength, with quiet keeping, and comfortable warmnes, will soonest free her of these sufferings, by driving them forth, without any other enforcement from the midwife's hands.

And the after-burden will ever bee better found, and drawn away as the woman kneeleth, then it can bee as shee lyeth on her back upon her pallet-bed.

And, untill I am convinced of any mistake in this way of delivery of unnaturall births by the child's feet, let all practicers in midwifery suffer mee, without feare, to maintain, That any unnaturall birth may easier, and more speedier bee laid by a judicious, and well practiced midwife, comming by the feet, then it can bee by turning the birth to

the head, to bee delivered in a naturall posture. The striving to turn the birth will increase the woman's sorrows, and the midwife's enforcements will multiply her afflictions, by endeavouring to turn away the birth from the feet, to bring it by the head.

I affirme, That where I have found the infant to have had a great head, and a larg body, that there I have turned back the head, and have fetched down the feet, and so have quickly delivered the woman, and so have saved the infant's life.

Whereas, otherwise, both mother and child, after a long suffering labour, in all probability, would have perished together.

For by the head, as the infant slideth, or commeth to the birth, an understanding midwife knoweth, that with patience shee must wait, and stay nature's time, and that all this while that shee cannot take off the sharp throwes, and pangs of labor, the which the woman will suffer.

And it will bee an happines to the labouring woman, if, in the interim of time, to these paines an hasty midwife doth not adde severall afflictions, through her too much strivings to procure a more speedy delivery.

When the infant commeth unnaturally any way, and more particularly by the arm, back, or belly, or with a distorted neck, there the midwife, having altered the birth, may soon deliver the woman by the child's feet, as shee kneeleth, by gentle, and easy drawing it downwards, (as it hath been oft made manifest by my practice) although shee bee not in pain, and have not throws to force, or drive forth the infant.

And this way of practice in all difficult births to deliver women by the child's feet, I shall wish all midwives to follow, untill it shall bee disallowed by manifest reasons, and daily practice.

Humanum est errare I may bee deceived, but I suppose that I have not wandered from the truth, and that I have taken the direct, and readiest way for the delivery of women, having had two judicious Associates to accompany mee in these travailes (long practice, and confirmed experience) both which have been followed with good successe, and found approved true in the labouring woman's chamber, and seen by mee experimentally performed by severall midwives, and women there present.

I will willingly give thanks to any one, that will shew mee my mistakes, or that would take some pains to set forth a more easy, and safer passage for the birth of children, and for the woman's good, and safety, in dulcifying the terrours, and sufferings of delivery, too oft made dolorous, and sometime destructive, by the unadvised doings of ignorant midwives.

The schemes, and figures of the birth, with their various postures.

Head.
1.

In a naturall birth, when the infant's head shall proceed first, with the rest of the body in a due order, and where the mother is strong, and the child lively, and the woman fittingly prepared, and ordered for her bed, or knees, with the anointing of the passages belonging to the birth, and keeping her body warm ;

There let not the midwife use any enforcing to bring forth the child, but commit all the ensuing work to God's mercy, and time, for the bringing forth of the birth, and hee will assist nature (whose onely work it is) for the bringing forth of the infant.

After the head is born, if the child, through the greatnes of the shoulders, should stick at the neck, let the midwife put her finger under

the child's armpit, and give it a nudg, thrusting it to the other side with her finger, drawing the child, or shee may quickly bring forth the shoulders, without offering to put it forth by her hands clasped about the neck, which might endanger the breaking of the neck.

In this birth the midwife's office, or duty is no more, but to attend patiently on nature's wayes, and to bee ready to receive the child, and afterwards to help (if need require) to draw forth the after-burden, and to see that the mother, and the child have fitting accommodations.

Where the head and body of the child, in a naturall birth, bee too great for the passage, and when anointing with unguents, or oiles, and sneezing with powders, and the woman's endeavours, and enforcements afford no help, then the midwife must turn back the head, and bring the birth to the feet, as shee kneeleth in a slope, descending posture; and by the feet let the midwife produce the infant, as the labouring woman kneeleth on the bolster, and having turned the birth, let her then raise the woman's head unto a slope, ascending posture, and then afterwards to draw the child forth by the feet.

Let the midwife oft anoint the woman's body with convenient oiles, or ointments, to cause a more easy sliding of the child, that the woman's sufferings may bee the sooner ended.

Sometimes the child comes naturally with the head formost, but the head is placed amisse, having the neck bowed, and it stands awry, leaning towards the flanks, or otherwise, which makes that the child cannot come forth in a straight, and direct line.

The child being thus turned, it is very hard, yea even impossible, that the mother should bee delivered, either through any endeavours of the child, or by any labour of the woman's enforcings, although shee

Head and
body too
great.
2.

A crooked
neck.
3.

strive, and strain her self very much, by holding in her breath, or by using any other wayes; for the more the child strives to come forth, the more hee entangles, and wreaths his neck, and, by this struggling, hee makes himself, and his mother weak, through the paines, they both suffer.

And this birth will not bee well helped any other way, but by turning the birth unto the feet, and with using the slope, bending posture, descending, whilst that the woman kneeleth on the bolster.

Guillimeau willeth, That the woman bee laid overthwart a bed, for the better convenience of the chirurgion, or midwife, and to have a bolster put under her head, her back being a little raised, and her hips lifted up somewhat higher, with pillows laid under them, and her hinder parts to lie within half a foot of the bed's side; and then the chirurgion, with his anointed fingers, must thrust upwards the body of the child, either by the shoulders, or breast, or by the back, so that, by these meanes, the neck of the child will even come of it self to the right place.

And, for the better help of the chirurgion, at the same instant hee shall slide in his other hand (yet not taking out the former) where with finding the place where the head doth rest, and leane, hee may easily draw his hand towards the side of the child's head, and so shall hee bring it gently to the naturall place, and, by these meanes, the child's head will rest between his hands, to bee set right.

Our late Auctours follow Guillimeau's directions, to thrust up the shoulders of the infant, that the head may fall down to the orifice of the womb, as being nearest to it. And hee saith, That, if there bee any other way attempted, shee must bee brought back to the bed, and rolled,

and so stirred, untill the infant shall come to a more commodious forme of birth.

This rocking, and rolling the woman on the bed, is the lest affliction, that the midwife putteth the woman unto. It may casually alter the birth, but I beleeve, that it seldome, or never doth it.

As for the placing of the woman on a bed, according to Guillimeau's direction, I know that it will bee terrible to the woman, to bee held with violence, whilst that the chirurgion operateth.

Also, I conceive this bed to bee useles for the chirurgion's convenience, for hee cannot reach the woman's body at so remote a distance, shee lying half a foot from the bed's side.

Furthermore, hee cannot, as shee lyeth, well put back the child, for that the work will lie under his hand, and the child will rather come upon him, than fall from his hands.

And lastly, to have both the hands of the chirurgion, at the same time, in the woman's body, to receive the child's head between his hands, to set it right, must needs mightily extend, and enlarg the woman's body, and how this will be done, without great stretching, and tearing those places, I cannot well imagine.

I conceive, in this delivery, that it will bee a better way, and with more ease by the midwife to bee performed, to have the woman to kneele on an high, hard bolster, and to put the woman's head down in a slope, descending posture unto a pillow laid in a woman's lap, sitting afore her; afterward, to slide up her anointed hand into the woman's body, and to fetch forth the child's feet, and so to lay her, by drawing by the feet, as it hath often been expressed, in diverse of my observations, seen by mee performed.

When the midwife hath gently drawn the child by the feet unto the knees, then to raise up the woman's head, and let the labouring woman be placed forthwith in a slope, bending posture, ascending, and let her hold the woman with her hands about the neck, that was sitting afore her. So will the midwife more easily draw forth the rest of the infant's body without struggling, or enforcement, not any way hurting, or tearing the woman.

I know, that this way will prove more easy for the woman's delivery, and better to be performed by the chirurgeon, or midwife, to find the child's feet as shee kneeleth, and, by them, to bring the birth forwards, than to strive to put back the birth, by the shoulders, or breast, to place the head in a right posture, to receive it between the hands for a naturall birth.

In all births, laid by the feet, the child's face must ever be turned to the back of the woman. Otherwise, the child's chin will be endangered to be caught by the share-bone, and then it will be a difficult busines to fetch off the head, and to save the child's life.

How to turne the child's face to the back of the woman, and when to do it, as also how, with safety, the child's head will be brought forth, the following unnaturall birth will make manifest.

In all births, after the infant is born, let the midwife shake the after-birth from side to side, gently holding by the navel-string, afterwards, to put up her anointed hand, and to gather the after birth into her hand, and to hold it easily, without squeezing, then let her cause the woman to cough, boken, or sneeze, and this motion, with easy drawing, will drive forth hand, and after-birth together.

UNNATURALL BIRTHS.

When the infant commeth to the birth with both his feet forward, and his hands stretched downward, lying by his sides ; do not disquiet the woman, by drawing up the child's legs, to bring downe the child's head, in hopes of a naturall birth, neither take care to secure the infant's armes, that it may not have power to draw them back againe.

But, in this birth, let the midwife place the woman, kneeling on a bolster, in a convenient, slope, bending posture, ascending.

And let the labouring woman hold her hands about another woman's neck, sitting afore her.

And, having her body anointed with fitting oiles, or unguents, to cause a more easy sliding of the child, let the midwife place herself behind the woman, and take the child's feet in a warm, soft, linen cloth ; let her draw leasurely by the feet, untill it come to the loines. And, in the drawing, if that the midwife perceive, that the child's face is not towards the woman's back, after that the child is brought forth to the loines, there let the midwife take the body of the child, and wrap it in a soft, linen cloth, and, holding it easily between her hands, let her gently turn the body, and set the child's face against the woman's back.

The child's body, thus held, will easily bee turned, without any let, or trouble to the woman, or danger to the child.

After this, let the midwife draw again leasurely, untill the child shall come to the upper part of the shoulders, or to the neck.

Then, let the midwife slide up her anointed hand between the child's face, and the rump-bone of the mother's back, and put her middle finger a little way into the child's mouth, to presse the child's chin

Feet with
the hands
stretch-
ed down-
wards by
the sides.
1.

downward to the pit of the child's throat, and, afterward, to place her two fingers on each side of the nose, and so shee will keep the neck of the womb open from closing about the child's neck, and free the infant from the danger of being throtled, or strangled.

Upon the mother's belly, or against the child's head. See this *Auct. obs.* pag. 92. and some part of the hand above the head. *ib.*

After this, then, let the midwife desire some assisting woman to place a flat hand upon the child's head, and gently to presse forward the departing infant, at that time, when the midwife draweth leasurely by the child's feet, or some other woman for her.

Thus, with the assisting woman's help, the labouring woman will quickly bee delivered of this unnaturall birth, and the child safely born, without the pulling off the head, or breaking the child's neck, or any way endangering the child's life.

Feet with the hands lifted up above the head. 2.

When the infant commeth with his feet forward, and the hands lifted up above the head ;

Let not the midwife thrust back the infant's feet into the womb, in hopes to turn it, and to bring it to a naturall birth by the head :

But, as afore directed, and in a slope, bending posture, ascending, to deliver the woman by the child's feet, without striving to bring down an arm or armes.

But if, to no purpose, the midwife hath a desire to bring down the arm, or armes, shee may easily do it, by putting up her fingers above the child's shoulder, and drawing the arme by it.

The child's armes bee apt, of themselves, to come down, without enforcement, before that the child's body is brought to the shoulders, or neck.

But Pareus counselleth, when that the child commeth by the feet, to keep up an arm, saying, That one of his armes must bee stretched out above his head, and the other down by his side. For, otherwise, the orifice of the womb, when it were delivered of such a grosse trunk (as it would bee, when his body should be drawn out with his armes along by his sides) would so shrink, and draw it self together, when the body should come unto the neck (onely by the accord of nature requiring union) that it would strangle, and kill the child.

Guillimeau, the French King's chirurgion, saith, If both the armes bee stretched out above the head, you shall bring down one of them close to the side, and let the other stay stretched out, that, when the shoulders are come forth, the said arm may bee (as it were) a stay, or splint to the neck, for the passage of the head, to hinder the neck of the womb from closing up, and fastening about the neck of the child, and to hinder the child from coming forth :

For the arm, or armes, being lifted up over the child's head, will keep the womb from closing about the neck of the child ; whereby the infant will bee secured from the danger of strangling, and the neck from being broken, and the head from being separated from the shoulders.

The finger, put into the child's mouth, with the rest of the directions, followed, will also withstand all these dangers, and casualties, and will help to save the infant's life.

When the infant commeth forth with one foot onely, and the armes let down to the sides, and the other foot turned backward,

In this birth, you need not to bring the woman to her bed, to tumble thereon (unles it bee to ease herself) before shee bee willing to

One foot
the armes
letdown to
the sides.
3.

come to bee delivered ; And, having placed the woman kneeling in a slope, bending posture, ascending, I would not have you to offer to turn up the foot, that is come forth, into the womb again ; but to take the foot in a soft, warm, linen cloth, and by that foot to draw gently, and leasurely, untill the body of the child commeth nigh unto the twist ; or buttock ; and then (if not afore) you shall perceive where the other foot stayeth, the which you may easily draw down, or remove with your finger, and afterward, quickly lay her by the feet, observing, and following the directions of the first unnaturall figure, &c.

In this birth you will do no good by rolling the woman on the bed, or by struggling to turn the child up, to bring it to a naturall birth, by your hand.

And why should an ignorant midwife, by unadvised wayes, disquiet, and long torment, to no purpose, her afflicted woman : and to make a worse birth, when that, without struglings, shee might well deliver her woman by the child's feet (as hath been directed) in very short space of time.

When the infant lyeth crosse the womb, on it's side, or back, with the hands and feet upwards ; in this posture it is not possible that the child should bee born.

Disquiet not the labouring woman with struglings, to bring it to a true form, or naturall birth, by lifting up the buttocks, and directing the head to the birth, or by rolling herself upon the bed.

But, by the feet (as hath beene directed) in a slope, bending posture, ascending, deliver the woman.

For the putting of the woman to roll on the bed doth not help the delivery. It is no better then a demurrer, or a shrouding cloak, to cover the midwife's ignorance.

For the infant to hasten to the birth with the armes and legs distorted, and crooked, I hold this birth to bee a supposed imagination, and that there never was seen, or known any such birth, or comming of a child in this dancing posture.

Yet, if midwives will have their wills, and that there may bee such a birth, the same will soon bee laid by the child's feet.

If the infant shall fall down with both the knees bent, and the hands hanging down to the thighes, or sides, do not strive to force the knees upwards, untill the feet happen to come forth formost.

Neither bee persuaded, that rolling on the bed will bring the infant to a more commodious posture.

As the woman kneeleth, in a slope, bending posture, ascending, by your fingers you may easily bring down the legs, and so, by the feet of the child, the woman may quickly bee delivered.

The child should come into the world with his head forward, and, if there bee any thing, that comes with it, as the hands, and arme, it is contrary to nature.

This is the birth, which most amazeth, and puzzleth midwives, and bringeth into their thoughts unhandsome performances, so that, without all tender compassion, after they have much afflicted the woman, and have destroyed the child, they become bold, with forcible halings, to pull off the armes, and shoulders of children into severall pieces in the mother's womb, to bring forth the body, thus killing the child, and, oft, the mother with it.

Arms and
legs
distorted.
5.

Knees
bent.
6.

Hand,
or Arm.
7.

And, if the mother escapeth with life, yet, frequently, shee liveth miserably, and sadly, all the succedent time of her life.

Mrs. Jane Sharp, midwife of thirty yeares apprenticeship, willetth the midwife to anoint her hand, and to thrust it up into the womb, to feel how the child lyeth, saying, That, sometimes, the child may bee drawn out with the hand, and, had shee said no more, shee had well deserved of all labouring women.

But, to shew midwives, how (though in dead children) to pull out armes, and to cut them off, as also, how to use, unhandsomely, hookes, and incision knives, to cut children in pieces in the mother's body, to bring forth the child divided in many parcels, is an horrid work. In charity I beleeve, that shee never used this way of practice.

Some of our country midwives (although long practicers in midwifery) to save their credits, and for that they would not bee thought inferiour, in knowledg, to others, by reading such books, and expressions, bee encouraged to follow this way of cruelty, in this unnaturall birth, comming by the Arme.

I will omit to make mention of the evil facts, they have, lately, done in eeverall places.

I wish, with all my soule, that no country woman should have this birth, comming by the arme, or have occasion to desire the help of such midwives, as to have themselves abused, and their children so destroyed.

To amend this unfitting way of practice, in the first place, I shall mention, what some men have lately published.

Secondly, what others, long since, have done, after that they have found the children destroyed by midwives.

2.

And, lastly, I shall set forth my way of practice in this unnaturall birth, with which, through God's great mercy, and assistance, I have oft eased, and helped severall women (after long suffering under midwives hands) in less a time, then half a quarter of an houre, to the great wondering of midwives, and other women in the labouring woman's chamber, and have saved the children's lives.

3.

Dr. Philadelphus demands of Mrs. Eutrapelia, what, if the infant commeth out hastily, with one hand, and the other hand down toward the side, and the feet stretched out straight into the womb, how will you receive the infant?

1.

The midwife answereth, Sr, I am not at all to receive it so, nor to suffer it to proceed farther, but must bring her to the bed, where shee must lie lower with her head, then her buttocks. Then, I must swath her belly gently, that the infant may fall back again into the womb.

But, if it fall not back of its own accord, I must put in my hand, and presse back the shoulders, and must reduce the arme, that hangeth out, to the side, that it may bee disposed of to a naturall forme in the womb, and so it may come forth easily. So saith James Wolueridge, M.D., in his book, fol. 53.

Dr. William Sermon willeth, when the child proceedeth headlong, with one of his armes first, not to suffer the birth to proceed farther. But let the midwife put in her hand, and, gently, by the shoulders put up the child again. So the hand thereof may bee settled in the right place, by which meanes the child may come naturally.

But, if the hand thereof cannot bee brought again to the right place, then, causing the woman to lie upright, with her thighs, and belly upward, by which meanes it may bee brought to passe. Fol. 130.

I could wish that these wayes, thus expressed by these worthies, might prove effectually, and have an happy successe, the which, as yet, I could not, at any time, see to bee performed.

But my practice hath shewed mee, That, in severall of these births, through the midwives struglings to reduce the arme, that the arm hath been broken by them, and the child destroyed, and although, through much enforcement, they have reduced the arme, yet, through the woman's sufferings, and the midwife's strivings, the labouring woman hath been left so weak, that shee could not bee delivered by the midwife.

And, to give my opinion, it is to no purpose to reduce the arme, as, by my observations, and practice, it may sufficiently bee proved.

2. James Guillimeau saith, It may so happen, that the child's arme coming formost, through the long stay it makes without, as also, because it hath been pulled, by violence, by the midwife, will bee swollen, yea and even gangren'd, that it possibly cannot bee thrust back again, that the child may bee drawn forth by the feet. That then the arme must bee pulled as far forth as it can, and, if it may bee done conveniently, let it bee cut off at the joint of the shoulder.

But let not our midwives attempt any such thing, so long as there is any thought, that the child is alive.

Pareus reporteth, That once hee was called to the birth of an infant, whom the midwives had essaied to draw out by the arme, so that the arme had been so long forth, that it was gangren'd, whereby the child died.

Hee told the midwives, that this arme must bee put in again, and that the child must bee turned otherwise. But when it could not bee put back, by reason of the great swellings thereof; and also of the mother's genitals, that hee did cut off the arme, which being done, hee turned him with his feet forward, and so drew him out by the feet.

By these men's sayings it doth appear, that they were not willing to cut off the armes of children, although the children were dead, if possibly they could bee reduced.

But, if midwives will bee pleased to bee better adviced to save their credits, I will, then, shew them how, in this birth, with much ease, and safety, they may speedily deliver their women, without tormenting them, by struglings to reduce the arme.

And I shall desire all midwives, not to pull any child by the arme, in hopes so to deliver the woman, and to hate the cutting off the arme, or quartering their limbs, to draw them forth piece-meale out of their mothers bodies.

I have known the arm of the child so fixed in the neck of the womb, by the midwife's pulling, that the arme hath been immoveable, and hath hindered the child's body for turning round, and the child's arme for returning, to go up into the woman's body.

But this let hath been soon removed, by taking the child's elbow in my hand, and, by thrusting it a little upward, it hath removed the sticking of the shoulder, and hath made way for the turning round of the body, and for the easy going up of the child's arme.

When, therefore, the infant shall come to the birth, with one hand appearing, let not the midwife receive this birth, nor disquiet the woman, with rolling her on the bed, nor bee too hasty suddenly to procure the

delivery; neither would I have the midwife to offer to thrust back the arme, to place it by the infant's side, in hopes to bring it to a naturall birth.

But, in this birth, after the anointing of the woman's body with convenient oiles, or ointments, let the midwife bring the labouring woman, and cause her to kneele on a hard bolster, placed on a bed's side, and, afterward, to put down her head in a slope, bending posture, descending, to a pillow, placed on a woman's lap sitting afore her on the same bed to support her.

So her body will bee raised up, to give way for the descending of the infant into the hollownes of her body, as shee kneeleth in a slope, bending posture, descending.

And the midwife, comming behind the woman, as shee kneeleth, let her not offer to reduce the arme, for the bringing of it to the child's side; but to slide up her anointed hand over the child's arme, as it hangeth out of the woman's body, putting up still her anointed hand, by degrees, untill shee commeth to the child's feet, which usually lie on the child's belly, and not stretched out into the womb, as some affirme.

And, although, in my observations, I have given the midwife some light, to know whither her hand passeth, and unto what parts of the infant's body, it commeth in these obscure parts, for that shee may distinguish the better of the parts of the infant's body by her feeling, as the thigh and foot from the arme, and hand; the back from the belly,

Shee shall find the back to bee hard, and to have a ridg in it,

The belly to bee soft, and smooth,

The arme to bee small, and the hand little, composed of severall long fingers, and bending joints;

The thigh and leg to bee grosse, and thick, in respect of the arme, and the foot to bee a hard, united, grosse, thick lump, having short toes.

Now when her hand is put up into the woman's body, if it light upon the child's back, let her not pull forth her hand again out of the woman's body, but turn it round by the child's side, and it will bring her hand to the child's belly, where shee shall find the other hand, and both the child's feet, lying together.

And, having found a foot, let her take hold of it between her fore finger, and her middle finger, placing her thumb over her hand griped, the better to hold it.

Let her, then, draw gently, and leasurely by the foot, untill shee hath brought the foot forth of the woman's body, then let her take the foot in a soft, warm, linen cloth, (the firmer to hold it) and, afterward, still to continue drawing, untill it come nigh to the twist of the body, or that the buttocks begin to appeare (if that the other leg doth not shew it self before where it resteth)

And, if it so happen, that the midwife should find the other leg bended at the knee, or that it should lie on the child's belly, let her draw it gently down with her finger, and it will soon bee brought forth with easy drawing, and without any enforcement.

And then (and not afore) to raise up the woman's head, and to place the woman kneeling in a slope, bending posture, ascending, holding, or leaning with her hands about the woman's neck, that doth sit before her.

6.

And, in this bending posture, let the midwife keep the woman kneeling, untill shee hath drawn the child forth unto the loines.

Then, if shee shall find the child's face to bee towards the woman's navel, and belly, let her take the body of the child, and, holding it in a soft, linen cloth, let the midwife turne the infant's face, gently, toward the back of the woman.

Afterward, to draw easily again, untill the infant shall bee brought to the shoulders, or to the neck.

Then the midwife must put up her hand between the child's face, and the rump-bone of the mother's back, and put her middle finger, a little way, into the child's mouth, to presse the chin downward to the pit of the child's throat, and to place her other two fingers on each side of the nose, to keep open the passage.

Then may the midwife, having thus placed her fingers, desire some assisting woman to place a flat hand upon the child's head, and gently to presse forward the departing infant, at that time, when shee draweth leasurely by the feet, or some other woman for her, and so the child will quickly bee born.

And, thus ordering the birth, there will be no cause to fear the child's life, or the ruining of the labouring woman's body.

And the way of a slope, bending posture, ascending is to bee used in all births, coming by the feet, as the woman kneeleth on the bolster.

The other slope, bending posture, descending is onely to bee used for the turning of the child, that hath a great head, or body, or to help a distorted neck, or to reduce the birth to a more commodious way for delivery, as in the birth, where the arm and hand first commeth forth.

And this slope, bending posture, descending, is no longer to bee continued, after that the birth is altered, and the feet obtained, and brought forth, but the woman's head is to bee raised, and shee to bee placed in a slope, bending posture, ascending.

And then the rest of the work is to be finished, as shee kneeleth on a bolster, in this slope, bending posture, ascending.

And thus have I set forth the wayes, that I have used for the turning of the birth, as also for the helping of all unnaturall births, and chiefly, when an arm is first proffered.

And, to God's glory, and honor, I do affirm, That, taking this course, I never, to my remembrance, lost, or endangered any infant, nor much disquieted any woman, during the time of her travaile.

And severall midwives, that have been non-plust, and puzled in this birth, for whose help I have been called, by others, to assist the midwife, when that shee knew not what to do, or how to deliver the woman, will testify what I have said, and performed, to bee true.

And that I have laid the woman easily, and quickly, that had been long tortured by her midwife in this birth, in lesser space, then half a quarter of an houre, although the woman had no pain, or throws, to assist nature in the time of her delivery.

And, where the midwife, by her halings, and pullings by the child's arme, had not killed the infant before my comming, that there I have saved the infant's life, and, by the speedy delivery, have freed the woman of her sufferings.

And, through God's gracious assistance, and permission, I have brought forth, and set at liberty the imprisoned infant.

But midwives may object, and say; How will the arme, or armes bee reduced, that hang forth before the birth, if that you will not permit us to put them up?

I answer all midwives with assurance, and reason will shew the same,

That, as the buttocks come down, the back turneth round, and, the shoulders go up, and, by this circular motion, the arme, or armes go up with the shoulders, and so, of themselves, become reduced, and lie again close to the sides, without any enforcing to thrust them up.

But, if midwives will not bee perswaded, that the arme will reduce it self, it shall not trouble mee, if that it will not bee reduced, in any birth comming by the feet.

For, not being reduced, it will bee a meanes to keep the womb from closing about the child's neck, and to save the child's life, and the neck from breaking, as Guillimeau hath testified, with Pareus, and as it was lately happily approved in Darby Nov. 27, 1669 in W. B.

Both armes
comming
down.
8.

When both the armes come down before the birth, with the hands stretched over the head, and the feet straight stretched into the womb;

In this birth, do not offer to drive back the shoulders, that the infant may fall again back into the womb; Also, in this birth, do not force up the armes to place them by the child's sides,

But slide up your anointed hand, and seek for the feet, and use the same way, as is directed in the seventh scheme.

So, by the feet of the child, you may speedily, and safely deliver the woman, as I have shewed in my practice, although the woman hath no labour or throwes, to help forward the delivery.

When the child commeth with his buttocks formost, there bee some that give directions, to lift up the fundament of the child, and to turn the head to the birth.

Buttocks.
9.

But, if it cannot bee turned with the hand, they say, That then the woman must be brought to the bed, where, by often rocking to and fro, the child may bee brought forth by the head.

Surely, in these men's, and midwives thoughts, and opinions, there is observed some *occulta qualitas* (which, as yet, no practicer hath revealed) in the tossing, rolling, or rocking of the labouring woman on the bed, for the turning of the child to the head, or to a better forme. And, untill it shall be revealed, I shall interpret it to bee no other thing, then, *Sola ignorantia obstetricis*.

For it cannot chuse, but that it will bee grievous to the woman, to have her self, and the infant thus tossed, and violently moved from the breech, to bring downward the head to the passage. And her rolling, and tumbling on the bed will not alter the birth.

Wherefore, to lay aside all these disquieting motions, causing tortures, let the midwife, in this birth of the buttocks, slide up her anointed hand into the woman's body, as shee kneeleth in a slope, bending posture, ascending.

So may the midwife soon meet with the child's feet, and afterward bring them forth, without any violent force, to the orifice of the matrice.

For the best, and surest way is, to draw the infant forth by the feet, and so shee may quickly bee delivered.

Breast or
belly.
10.

In all births not to bee seen, but must bee distinguished by the feeling of the hand, let the midwife remember, That the breast is hard, and bony, and that the belly is smooth, and soft; let her follow the softnes, and it will bring her to the thighes, and from thence shee may easily come to the feet.

When the infant shall fall downe upon the breast, or belly, let not the midwife enquire after the armes of the infant, to lay hold of them, that shee may bring the head to the birth, and so dispose the armes afterwards to the sides;

Nor bring the woman to the bed, to tumble, or roll, in hopes, by this delay, the infant, perhaps, may accommodate it self to a more fit posture for the birth.

But let the midwife put down her head to a pillow, placed in a woman's lap, and then to put her right hand along the child's thigh (as Guillimeau directeth) to find one of the feet, which being found, shee shall cast about it a ribband with a sliding knot; then shall shee seek for the other foot, and bring them both gently to the passage, and so to draw the child forth by the feet, taking hold of them with a warme napkin between her hands. Observing alwayes, that the child's face, and belly bee downwards, that is, to bee turned to the back of the woman, for fear least, when the shoulders are come forth, the chin should catch on the share-bone.

But I like not so well the use of ribbands to bee tied to the child's ankles, as I do, to fetch the feet by my hand, and fingers. I have tried both wayes. To mee the hand alone was ever most usefull, and readiest for the work.

So have you Guillimeau in the first place using ribbands, which bee troublesome ;

And my practice, by my hand, and fingers, to mee easily to bee quickly performed, the which, with good successe, I have oft used, and, in so doing, have frequently saved the infants lives, and suddenly eased the mothers sufferings.

When the child commeth with both the hands and feet together, it is impossible, that the child should bee born in this posture.

Hands and
feet.
11.

In this birth, I would not have the midwife to move up the feet of the infant, nor to handle the head, to bring it to the birth, nor to strive to bring the hands, to place them by the sides of the child, nor to bring her to the bed, to tumble her with rolling, or tossing. Such doings will afflict the woman, and may endanger her life.

But rather, as the woman kneeleth, in a slope, bending posture, ascending, leaning with her hands about another woman's neck, sitting afore her,

Let the midwife come behind the labouring woman, and taking the child's feet in a soft, linen cloth, let her draw down the child gently by the feet.

The hands of the child will both return by this drawing, and will go up, of themselves, into the woman's body.

For, as the child turneth round, so goeth up the shoulders, and both the hands with them, and come placed by the sides.

And it is Guillimeau's opinion, That it is better, whether the child bee alive or dead (if hee come with his feet, and hands formost) that the chirurgion, or midwife bring him forth by the feet, then to turn him, to bring his head formost.

For, in this striving, the mother having been much wearied, and the child much weakened, the delivery (although it may bee brought to a naturall birth with much struggling) will prove very long, and difficult to bee performed, in regard, that neither the mother, nor the child have much strength left them.

Whereas, if you draw the child forth by the feet, neither the mother, nor the child being weakened, the birth will bee more easy and fortunate.

And, by the feet, in Darby, and near to Darby, I have easily, and quickly, without torturing, laid this seeming difficult birth very happily, without thrusting up either the hands, or the feet.

I have also laid this birth, where but one leg, and one arme came forth together; and my work was performed, and ended, by drawing the infant forth by the feet.

Feet.
12.

Guillimeau saith, when the child offereth to come into the world with one, or both his feet foremost,

The chirurgion (after the woman is placed) having his hands anointed, may chuse, whether hee will draw the child forth by the feet, or else, if hee think it better, to put back one, or both the feet, and to turn him, and bring his head straight to the passage.

But hee concludeth, and thinketh, That the better, and safer way will bee, to draw him forth by the feet, then to turn him upside down, to lift his feet upwards, thereby to bring his head downwards to the passage.

All difficult births bee best laid by the feet.

All births, comming with the feet formost, ever lay by the feet, and do not thrust back the feet, to alter the birth, to bring it to the head, least that you make a worse birth.

In all births, delivered by the feet, when the infant is drawn to the loines, if the child's face bee towards the belly, and navell of the mother, turn the child's body, that the face of the child may bee set towards the back of the mother.

So you may draw him forth without danger, or staying, or the head catching on the share-bone, having your finger in the child's mouth, pressing down the chin at the instant time of drawing by the feet.

It cannot alwayes bee perceived, whether there bee two children at once in the womb.

Twins.
13.

For Guillimeau affirmeth, that hee was at the delivery of an honest woman, who brought forth two children at a birth: When shee was delivered of the first, the midwife (not expecting that there was a second child) was ready to draw forth the after-burden, but was staid for the present, for that hee perceived another child to offer it self at the passage, which, as it came naturally, so shee was delivered very fortunately.

Dr. Sermon hath such a like story of the same nature. Fol. 133.

But grant, that either of these midwives had drawn away the after-burden before the second child had been born, must it needs have followed, that the travailing woman would have been ruined by a flux of blood, through her straining to bring forth the second child?

I would not have any midwife to hazard such a danger, although I have known, that no mischief did follow in the like case, and that the woman lived, and did well recover.

If it should so fall out, that the twins should come together, one with his head, the other with his heeles formost,

The chirurgion shall consider, which of the two children the woman may bee easiest delivered of.

If the head of the one come not so forward, as the feet of the other, it will bee easiest to draw forth the child first, that commeth by his feet.

But, if it happen, that, in the delivery of the first by the feet, that the second twin shall chang his situation, that then the chirurgion shall look after the feet, and draw him forth, as hee did the former, by the feet.

If the head of the first bee very forward, then shall hee thrust back the feet of the second, to give way to the other, that hee may come naturally.

11. I have been at the birth of severall twins, bedded together in one secondine, as yet I never found, that they both forced their way together, neither could I heare it from any midwife.

But I observed, that they ever came one after the other, with some intermission of time, as a quarter, or half of an houre, or a longer time between.

When the first twin is born, hee must bee taken from between his mother's legs, after the navel-string is tied, and to tie the rest of the navel-string, that is fastened to the after-burden, with a larg and strong string, that it may thereby bee the easier found, and drawn forth afterward.

When the second child is come forth, the chirurgion, or midwife must consider, whether there bee two after-burdens, or but one.

Let the midwife search dilligently the after-burden, when that shee hath brought it forth, whether there bee two navel-strings in that after-burden, or but one.

If there bee two navelstrings fixed to that after-burden, then both the twins were contained in that secondine.

But, if shee find but one navel-string in the secondine, then shee must search for a second after-burden again, for that the twins were included in severall secondines.

Dr. James Wolveridge affirmeth, although there bee twins, or more, yet there is but one placenta, for hee saith, so many navel-strings are inserted in diverse places, as there are young ones. Fol. 89.

But I know the contrary, and, chiefly, in twins of severall sexes, that they have had severall secondines, to which their navel-strings have been inserted in the womb.

Pareus saith, That, if there bee twins, and both of one kind, as both males, or both females, that these twins bee enfolded in one secondine, and I have seen this to bee true.

But, if one bee a male infant, and the other a female infant, that then, hee saith, that they have both severall secondines. But this rule doth not alwayes hold. For I have seen it otherwise, and that both the male, and female infants have been included in one secondine, and I have found both navelstrings in the same after-burden, or secondine, a span's distance fixed the one from the other.

Therefore let the midwife search the secondine, to see if all the navel-strings bee inserted in one after-burden, before shee make another searching in the womb.

Should all the navel-strings bee inserted into one placenta, and, through her ignorance, shee should seek for another after-birth, shee might lacerate the womb, and so ruinate the woman.

Both Pareus, and Guillimeau advice the chirurgion, that if there bee twins in the womb at once, to take heed, that hee take not of either of them a leg; for, by drawing of them so both forth together, hee should profit nothing for the delivery, but, in so doing, hee would exceedingly hurt the woman, and teare the children both asunder.

Wherefore, that hee may not bee deceived, Guillimeau willeth, That, when hee hath drawn out one foot, and tied it with a ribband, and hath put it up again, let him, with his hand, follow the band, wherewith the foot was tied, and so go to the foot, and then to the groin of the child, and then from thence hee may find out the other foot of the same child, and so join them together.

But I assure myself, that, after the chirurgion, or midwife hath drawn forth one foot with his hand, that it will bee the better way, to hold the foot fast in a linen cloth, and to draw the child gently by the foot, untill hee can find where the other foot resteth, the which hee may easily draw down with his finger, rather then to tie the child's feet with ribbands, which proceedings will bee troublesome, both to the mother, and the child.

Guillimeau saith, That, if the two children should have but one body, it would bee a more easy, and safe way, to turn the head upwards, and to draw him forth by the feet, then to make him come forth with the head foremost.

Yet this is but his opinion, for hee concludeth, in the 22^d chapter of his second book, saying, That hee was never present at this kind of delivery.

Yet my thoughts bee fixed to his opinion, from whence wee may gather this good observation, That all great heads, and bodies, with all difficult births, may, and ever will bee better delivered by the feet, then possibly they can bee by the head.

For, when the head first approacheth in a difficult birth, there can nothing bee done more, then to anoint the body, and to cause sneezing, and to give medicines to enforce throwes.

When neither anointing, or medicine, or the midwife's skill, with enforcements, prevailed, then I have been sent for, and, by turning the birth from the head to the feet, I have oft happily, and quickly delivered the woman.

In the birth of twins, if either of them come down with an arm, first lay that twin, comming by the arme (as hath been directed in the seventh scheme) by the feet.

If it come by a foot, follow the way set for the delivery by the feet.

If by the head, follow the directions of a naturall birth.

If the second child be weak, and continuing struggling in the womb, wanting strength to break the membranes enfolding, and keeping in his imprisoned body, let the midwife slide up her anointed hand, and break the bed, and draw the infant forth by the feet, the which I have severall times performed, and, in so doing, I have saved the child's life, which, otherwise, by weaknes, might have perished.

Cæsarean
section.

FOR CÆSAREAN SECTION.

It hath proved unfortunate to severall, under whose hands the women have perished, and it is not used in England.

Dr. James Primrose holdeth it to bee a rash piece of work, and to do it in a living woman, a practice to bee abhorred.

I therefore passe it over with silence, being unwilling to make a dreadfull noise in the eares of women, or to embolden any in the works of cruelty.

Yet let mee not leave women in their sufferings comfortles, without any hope of cure, for that I beleeve this dreadfull operation may, without cutting the mother's side, and womb, bee better performed, and helped, by drawing the child, if it bee living, by the feet; if it bee dead, by the crochet.

For I have delivered severall women of dead children by my hand, by turning the birth from the head to the feet, that have been left comfortles by midwives, and their friends; and have drawn forth the dead children by my hand, the which I could not do by the crochet, although it was conveniently fastened in the head.

I therefore prefer the use of the hand before the crochet, or any other instrument whatsoever.

I could wish, that all men-mid-wives, and all women-midwives would make triall of this way, as I have done, and shall pray, that this work may bee as happily performed by them, as it hath been approved by mee, by the hand producing the infant by the feet, and so saving the child's life; and the mothers, with their children, as yet living, will beare mee witnes, that I affirm nothing but the truth.

And, for that there bee some schemes, differing onely a little in the figure, all which bee laid after one way, I thought to have omitted some of them, but then I should not have pleased the young midwife, for that shee would have thought her book defective, in not being furnished with all the schemes, and various figures, on which midwives look, making their women to think of wonders, by shewing them these pictures of the children, assuring them, that, by these, they bee directed, and perfected, and much enlightened in the way of midwifery.

Therefore, with others, I have set forth all the schemes, with their figures, the which bee observed for the woman's delivery.

And, in these unnaturall births, comming by the feet, let mee perswade, and assure midwives, that they will bee best laid, as the woman kneeleth on a bolster, using the slope, bending posture, ascending, as it commeth by the feet.

But the difficult births, not to bee seen, must bee first altered, in a slope, bending posture, descending, or, otherwise, the labouring woman will bee put to suffer much affliction in the delivery.

As in these births, where the head, and body bee too great for the passage; or when the infant offereth to come with a distorted, or crooked neck; And to these may bee added the birth, which cometh thrusting forth first an arme, or armes.

For the births, comming by the belly, back, or side, or with bending knees, or hands, with feet, or the buttocks, these bee of a middle nature, between these extremes, and difficultnesses, for the delivery, and may bee laid, either the ascending, or descending posture, by the midwife, accordingly as each scheme hath his peculiar direction.

And, therefore to satisfie the young practicing midwife, I have set forth all the severall births, with their schemes.

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1: 2:

3: 4:

5: 6:

And, in so doing, I have multiplied words, and made repetitions, not knowing how to avoid them, for satisfying their desires.

And if, in so doing, I have offended the learned, I would that all superfluities might bee pared off by some judicious practicer, to the content of all readers.

Yet I must intreat their favours, for the present, to passe over this fault (if it should bee so thought) and the rather, for that this work was not intended for them (being too weake to improve their knowledge) but for the simple beginner, the new, ignorant midwife, though aged in yeares, yet a young novice for practice, inhabiting the countrey, and dwelling in obscure, remote places, destitute of all able helps to assist her. Where the old midwife can shew her nothing more, then how to receive the child, comming in a naturall birth, which, without her company, or assistance, would, sometimes, sooner, and easier, without any halings, or enforcings of the woman's body, bee born, by the sole help of nature, with little, or small trouble.

And this Opusculum, or the midwife's vade mecum (which is, and ever was my way of practice) let the country midwife take thankfully for her use, to help, and direct her endeavours, untill shee can get better wayes, and directions from judicious practicers, or from her own experience.

So God alone, that doth all things, and helpeth women in the need full time of labouring, and in bringing forth of children,

To him bee given all honour, praise, and glory, for his great blessings, and mercies, in the preserving of mankind, as also all his creatures, by whose gracious favour, and goodnes wee live, move, and have our beings.

Therefore, let every one give thanks, and let all, that hath breath, praise the Lord—For his mercy endureth for ever, and is daily seen in all his works, in the continuation, and preservation of them.

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