

A course of lectures on the theory and practice of midwifery : in which, every thing essentially necessary to the true knowledge of that art will be fully explain'd ... / by John Leake.

Contributors

Leake, John, 1729-1792.

Publication/Creation

London : [The author], [1767]

Persistent URL

<https://wellcomecollection.org/works/ewn3stst>

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

8

C O U R S E
O F
L E C T U R E S

On the THEORY and PRACTICE of
M I D W I F E R Y:
I N W H I C H,

Every Thing essentially necessary to the true Knowledge of that *Art* will be fully explain'd, and clearly demonstrated; particularly, those *Operations* which are conformable to the *Principles* of *mechanical Motion*.

Of the Form, Structure and constituent Parts of the *Female Pelvis*.

Of the *Organs of Generation*, and the Doctrine of *Conception*;—the *Nutrition* and *Situation* of the *Fœtus in Utero*, and its gradual Increase from its Rudiments to the Time of Birth.

The *Pathology*, Treatment and Cure of the *various Diseases* incident to *Child-bearing Women and Infants*, with the *Regimen* necessary to be observed, respecting the *Non-Naturals*, viz. Air, Diet, Motion and Rest, Sleep and Watching, Retention, Excretion and the Passions of the Mind.

The Antient and Modern *Manner* of delivering Women in laborious and preternatural Cases compared; with a View of the Advantages and Defects of the Means proposed for that End.

* * For the clearer *Demonstration* of *Operative Midwifry* (whether simply by the *Hand* or the Application of *Instruments*) the several Methods of assisting both in *natural* and *preternatural Labours*, will not only be described according to the most approved *modern Practice*, but likewise distinctly shewn, by an *artificial Representation* of each *difficult Case*, upon *Machines* for that Purpose; constructed upon *new Principles*, and made to the most exact Imitation of *real Women and Children*.

The Whole will be illustrated by such *anatomical Preparations* as are applicable to each Lecture; together with various *practical Observations*, *extraordinary Cases*, and *necessary Cautions*; but particularly, by *real Labours*.

By J O H N L E A K E, M. D.

Member of the Royal College of Physicians, LONDON,
And PHYSICIAN MAN-MIDWIFE to the

Westminster New Lying-in Hospital,

At his House in Craven-Street, in the Strand.

L O N D O N, A. D. 1767.



P R O P O S A L S.

* * * The *Students* who attend these Lectures, for their more expeditious and effectual Improvement, and with a View to reduce the *Theory of this Art, to real Practice*, will, when sufficiently qualified, be admitted *Pupils* at the *Westminster New Lying-in Hospital*.

THE Expence of attending the first Course, --- 3 Guineas---And
For every future Course, - - - - - 2 Guineas.

A private Course, - - - - - *Six Guineas*.

Ten Guinea Pupils.

{ Every Gentleman paying down *ten Guineas* at the first Course, shall be entitled to attend every future Course for the Space of *one whole Year*; and shall also, without further Expence, be *admitted a Pupil* at the *Westminster New Lying-in Hospital*, for *six Months*, where he will have frequent Opportunities of *extensive Practice*, and also the Advantage of seeing the *Treatment and Manner of prescribing for the various Disorders incident to Child-bearing Women and Infants*;---a Branch of Science essentially necessary to all those who intend to practise Midwifery: These Pupils will also have the Liberty of taking down *such remarkable Cases* as occur during the Time of their Attendance; and will likewise be taught the *Art of Injecting* and the Method of making *such anatomical Preparations* as tend most to illustrate the Science of *Midwifery*.

House Pupils.

{ Dr. *Leake* will take two *House Pupils* in the Winter Season, for any limited Time, not less than *three* or more than *six Months*, on the following Conditions.

For three Months,—24 Guineas.

For four ——— 30 ———, And.

For six Months,-----40 Guineas.

The Privileges of House Pupils (including *Board and Lodging*) will be precisely the same in all Respects, as those of the *ten Guinea Pupils*.

Women will be privately instructed in the Art of Midwifery, and } Female Pupils
will soon be properly qualified by having constant Opportunities of
Practice at the *Westminster New Lying-in Hospital*, where, if required,
they will also be allow'd to reside, towards their more expeditious
Improvement and complete Knowledge of every Thing relative to
the *Office of a Midwife*.

* * * The Money to be paid at the first Lecture ;---at which Time,
the Hour of Attendance will be made convenient to a Majority of the
Pupils, who are desired to apply before the Commencement of each
Course, the first of which, for the Winter Season, will always begin
early in the Month of *October*, and continue regularly, from Time to
Time, throughout the Year, as advertised in the *public Papers*.

Note, The *Apparatus* may be seen at the Doctor's House, where a
Syllabus of the Lectures may be had, and further Particulars known ;
or at the *Hospital near Westminster Bridge*, any *Saturday* between the
Hours of Twelve and One.

Of the Intent and real Advantage of an *Apparatus*, in teaching the *Practice of Midwifery*.

IT may not, in this Place, seem unnecessary to say something on
the Design and real Use of *Machinery*, or that Kind of *Apparatus*,
which is intended as an *artificial Substitute*, for the real Bodies of
Women and Children, on which to teach the Art of Midwifery.

In the *practical Part of Midwifery*, there is a Kind of *Dexterity*
required, which can never be taught by Description ;---nothing but
Practice itself can render it attainable, or adapt the Hand of the *Pupil*
to the easy and judicious Performance of the several Operations of this
Art ; which, like those of *Surgery*, ought first to be confined to the
dead Body.

'Tis true, that before any one can be deem'd a Proficient in *Mid-*
wifery, he must have frequent Opportunities of *real Practice* ; but it is
also true, that living Bodies are very improper Subjects for initiating
Pupils in the operative Part of this Art :---How then shall they begin
to practise ?---Not on real Subjects, to the manifest Danger of the
Patient and the Ruin of their own Reputation, but upon *artificial*
Bodies.

Bodies, so mechanically and naturally constructed, as nearly to correspond with the several Parts concern'd in Parturition.

But it ought to be remark'd, that the bare Name of an *Apparatus*, which is much easier obtain'd than the Apparatus itself, is not sufficient to give it *Value*;---that will best be known by examining and viewing it comparatively with others; for, *Machines badly constructed*, are so far from being useful, that they do much *real Harm*, by misinforming the Judgment of the *Student*, and giving him a false Idea of Nature both in the *Touch, Figure and Disposition* of the several Parts.

This induced me to bestow no small *Labour* and *Expence* on that *Apparatus*, on which I propose to *demonstrate* the *Practise of Midwifery*, having executed all the principal Parts of it with my own Hands; and having also, for several Years past, been constantly making *Alterations* and *Improvements* in it, from time to time, as upon *Trial*, I discover'd its *Defects*, in order to render it as complete and useful as possible; being thoroughly convinced, that what is commonly call'd *Machinery*, (made and sold by *Mechanics* as it generally is) would prove totally useless; for, they are not only unacquainted with the *anatomical Structure* of those Parts which it ought to resemble, but also with the *Uses* to which it will afterwards be apply'd.

By the Use of *this Apparatus*, each difficult Case will be reduced to a *Demonstration*, which will afford the *Pupil* such solid introductory Knowledge, as will not easily be forgot;---For Instance, he will become acquainted with the Method of *Touching* in the Time of *Labour*, and the Information from thence arising; but particularly, he will acquire a certain Degree of *Dexterity* in the Application of the different Sorts of *Instruments* used in *difficult Labours*; and lastly, in *preternatural Cases*, he will learn the Method of *turning the Child* with more Ease to himself and Safety to the Mother:---These three principal Points of *Midwifery* are attainable, by this *artificial Kind of Demonstration* on the *Machine*, which may be look'd upon as the most direct Road to *practical Knowledge*, that can possibly be pointed out for his Improvement and future Success.

S Y L L A B U S

OF THE

Several L E C T U R E S.

Introductory Lecture.

AN Historical View of the Rise, Progress and present State of *Midwifery*; together with the Theory and Practice of the best *Antient Writers*.

A general Account of the *Doctrine, Writings* and *Improvements* of the most *eminent Modern Professors* of *Midwifery*; particularly, those who now give *public Lectures* on that *Science* in different Parts of Europe.

Of the Use and Abuse of *Instruments*, with a comparative View of the several Advantages and Defects, resulting from their *Mechanical Structure, Action* and *Manner of Application*.

Of the Method proposed in the Course of the following Lectures.

LECTURE II.

The Anatomy of the *Female Pelvis*, with a Description of the Form, Situation, and Connection of the several Bones of which it is made up, *viz.* the *Os Sacrum*, *Coccyx* and *Ossa innominata*; with their Ligaments, Cartilages and surrounding Muscles.

The Division of the *Ossa innominata* into their several Bones, *viz.*

Ilium,
Iscbium,
& *Pubis.*

The Dimensions of a well form'd *Pelvis* at its Brim and Bottom,—its Extent from Side to Side, and from the Back to the Fore-part; with the Depth of its Back, Fore-part and Sides.

The Capacity and Figure of its Cavity, and the Difference between a well-form'd and distorted *Pelvis*; also of the Marks which distinguish the Male from the *Female Pelvis*.

The Causes of a *distorted Pelvis*, and its dangerous Effects to Child-bearing Women.

Of the *Shape, Structure* and different Diameters of the *Fœtal Cranium*; with the great Advantage of understanding clearly the Proportion which the *Infants Head* bears to the *Pelvis*, as it passes through its Cavity in different Directions.

Remarks on the Membranous Connection of the Bones which compose the *Infants Skull*:—different from that of the *Adult*,—and, how corresponding with the Intention of Nature in facilitating the Birth of the Child.

LECTURE III.

Of the Female Organs of Generation, *viz.*

Externally the { Pudenda,
Meatus Urinarius,
Clitoris
& Nymphæ.

Internally the { Hymen,
Vagina,
Os internum
& Uterus;
Fallopian Tubes;
Ovaria and Ligaments.

Contiguous Parts { Vesica Urinaria,
Rectum & Perinæum.

Of the Figure of the *Uterus* in the Virgin State and after Pregnancy; and also of the gradual Distension of its *Fundus*, *Cervix* and *Os internum* at different Periods of *Gestation*.

* * * The several Parts will be shewn in their natural Situation with *Physiological Observations* on their Structure and Use.

LECTURE IV.

Of the several Disorders incident to the *Parts of Generation*, and the Method of their Cure, *viz.*

The *Prolapsus Vaginae & Uteri*, with the different *Pessaries* invented and recommended for the Relief of those Complaints and the Manner of their Application.

Stone in the Bladder,—its bad Consequences to Women in Labour.

Of the *Menstrua*, when obstructed or too large in Quantity.

Of the *imperforated Hymen* and the Operation necessary for its Cure.

—*Furor Uterinus, Chlorosis* and *Fluor Albus*;—how to distinguish the last from a *Gonorrhœa virulenta*, from the *Menses decolores*, or from the Discharge of an *Ulcer* in the Womb; with their several Causes and Cure.

—*Cancer* of the *Womb* and *Dropsy* of the *Ovaria*.

Of *Ruptures* in general, and of a particular Species of *Hernia* peculiar to Women.

Of *Sterility* or *Barrenness*, with its several Causes, as relative to *both Sexes*, and the most effectual Methods of Cure.

LECTURE V.

Of *Generation* and the *Menstrual Flux*.

The antient and modern Doctrine of *Conception*, and the various Opinions advanced by different Authors on that Subject.

Of the *Genitura* of the Antients.

—The *Ovi-parous* System of *Fabricius, Harvey* and *Malpighius*:
—*Animalcular* System of *Leeuwenhoek* and *Hartsoeker*, and the *corpuscular, organical* System of *M. Buffon*.

Of the *impregnated Ovum*, and its Descent into the *Uterus* by the *Fallopian Tube*; with the progressive Order in which the several Parts of the *Embryo* are supposed to be formed, and the Manner how they gradually unfold themselves in *Magnitude* and *Figure*, from *Conception* to the Time of *Birth*.

Vivi-parous and *Ovi-parous Animals*,—their Analogy considered in the Manner of their *Production*.

Æquivocal Generation—justly exploded by the Experiments of *Redi*.

Of *Twins, Superfœtation, false Conceptions* and *Moles*.

—Ext

—*Extra-uterine Fætuses*, and the Production of *Monsters*.

The Signs of *Conception*,—how distinguished from an Obstruction of the *Catamina*, the *encysted Dropsy* or other equivocal Marks of Pregnancy.

At what Period of Time, Women are most apt to *Conceive*.

The *Term* of a Womans going with Child.

L E C T U R E VI.

Of the Complaints which follow *Conception*, with their various Causes, and palliative Method of Cure, *Viz.*

Nausea, *Vomiting* and *Longing* for unnatural Substances.

The Force of the Mothers Imagination considered, in *marking* or *mutilating* the Child.

Of the *Hæmorrhoids*, *Costiveness*, *Swelling of the Legs*, or *Difficulty of Breathing*; and also of the several other Disorders which arise from the *Distension* of the *Uterus*, *Fulness* of the *Vessels*, or *Compression* of the *Viscera*, in the last Months of *Pregnancy*.

The Treatment and Cure of the *Gonorrhœa Virulenta* and *Lues Venerea*, during Pregnancy.

Diseases of the *Fætus* in *Utero*.

Of *Abortion* or *Miscarriage* from a Fault of the Constitution,—Shortness of the *Funis*,—a *Schirrhous Placenta* or the preternatural Conformation of the *Uterus*;—from *Frights*, *external Violence*, or any Cause which occasions a Separation of the *Placenta*; with the most effectual Methods of Prevention.

Abortion,—most frequent in the first three Months of *Gestation*,—and why?

Abortion at stated Times,—seldom admits of a Remedy,—and why?

The true *Miscarriage*,—often mistaken for a *Mola* or *false Conception*.

Of *Incontinence* and *Obstruction* of *Urine*, at the latter End of *Pregnancy*, with the Method of passing the *Catheter*.

—The supposed *Hysterical Motion* of the *Womb*,—how distinguished from the Motion of a *Child*.

Rules and *Cautions* for the Conduct of *Women* during the several Stages of *Pregnancy*.

* * * In this Lecture will be shewn a curious and uncommon *Abortion* of *six Months*, in which the *human Fœtus* is beautifully seen thro' the transparent *Membranes*, swimming in its own *Liquor*.

LECTURE VII.

Of the *Fœtus*.

The Situation of the *Fœtus* in *Utero*, at different Periods of *Gestation*.

Of the *Placenta* and its *Membranes*, and of the Quantity, Quality and Use of the *Liquor Amnii* or contained Waters.

—The *Funis Umbilicalis* or *Navel-string*, and the Course of its Vessels traced to their Origin, with their several Connections and Dependancies respecting the *Mother* and *Child*.

Of the *Circulation* and *Nutrition* of the *Fœtus*, and of the Parts peculiar to it, viz. the *Foramen ovale*, *Canalis arteriosus* and *Ductus Venosus*.

Of

Of the *Allantois* and *Uracbus*.

Experiment to discover, whether a *Child* was *still-born* or destroy'd after the Birth; with necessary *Cautions* in *Cases* of *Evidence* against the *accused*.

L E C T U R E VIII.

Of the Signs which precede or accompany true *Labour*.

The Cause and Effects of *Labour Pains*:—Of the expulsive Force of the *Uterus*, and the disproportionate Length of its Fibres, in the *gravid* and *unimpregnated State*.

The *Method* of *Touching* in the first Months of *Pregnancy*, but particularly at the Time of *Labour*; with the Information from thence arising, *viz.* Whether the Woman is with *Child*, or no,—whether in Danger of *Miscarriage*, and also what Changes of the *Os Uteri* indicate *Labour*, and distinguish the *true Pains* from those which are *spurious*;—how to promote the one and relieve the other.

The great Advantage of being thoroughly conversant in the *Art* of *Touching*, and of truly distinguishing the *presenting Parts* from one another; with *Remarks* and necessary *Cautions* in doubtful *Cases*.

Of the gradual Dilatation of the *Os Uteri*, by the Protrusion of the *Membranes*, or the Pressure of the *Child's Head*.

Of the too early Rupture of the *Membranes*, and Discharge of the *Waters*.

—The preternatural Strength or Rigidity of the *Membranes*, and how the Progress of the *Labour* may be retarded in both the *above Cases*; with the *Methods* to remedy these *Inconveniences*.

The Signs of a *dead Child*.

The bad Consequence of hastening *Labour* unseasonably, in *natural Cases* and the Danger of *Delays*, or of giving *forcing Medicines* where the Child presents in a *wrong Position*.

The Treatment of the Patient during the Time of *Labour*, with the *Tenderness* and *Delicacy* necessary to be observed by the Operator on that Occasion.

LECTURE IX.

The Division of Labours, *viz.* *Natural*, *Difficult*, and *Preternatural*.

Of the *Position* most conducive to the *speedy Delivery* of the Woman in the several Kinds of *Labour*, and the Methods practised in different Countries on that Occasion.

* * * A *natural Labour* artificially represented on *Machinery* (in a Manner not hitherto attempted) distinctly and minutely shewing the *gradual Dilatation* of the *Os Uteri* and *Protrusion* of the *Membranes*; with their alternate *Distension* and *Relaxation*, as the *Pains* come on and go off.

The *Rupture* of the *Membranes*, and *Evacuation* of the *Waters* exactly imitated by a *Discharge* of *Air*.

An artificial Demonstration of the *Wombs progressive Contraction* as the *Child* advances in the *Birth*.

The Manner how the *Childs Head* presents to the *Birth* in *natural Cases*,—the *Turns* it makes in passing through the *Pelvis*,—and likewise of guarding the *Perinæum* from *Laceration*.

Ould's Observation upon this Occasion.

* The Force of Pressure on the *Infants Head* exemplified by an *Artificial Fœtus*, so constructed, as to allow of the same Motion in the *Bones* of the *Cranium*, as in that of the *natural Child*; and to give the most clear Idea how the Magnitude of its *Head* is lessen'd by the Effect of the *Labour Pains*, and how the *Birth* is thereby render'd more easy and expeditious.

Of Tying and Cutting the *Navel-string*, and extracting the *Placenta* or After-birth; with Remarks on the Conduct of *Animals* in the Division of the *Funis*, and likewise on the *Orbicularis Muscle* in *Fundo Uteri*, as described by *Ruysch*.

Of the preternatural Adhesion of the *Placenta*, where it cannot be separated by the Operator, without the Danger of a *Flooding* or *Inflammation* of the Uterus.

The Method of discovering whether there is a *second Child* or no.

LECTURE X.

Of *Difficult Labours*, where extraordinary Assistance is required.

The various Causes of *difficult* or *laborious Cases*; particularly, the Weakness of the Patient and Absence of her Pains, from *Anxiety* of the *Mind*, *Floodings* or other profuse *Evacuations*;—A narrow or *distorted Pelvis*, Rigidity or preternatural *Constriction* of the *Passages*, *Induration* of the *Os Uteri*, or wrong Position of the *Childs Head*;—its being too large, *over-ossify'd* or *Dropsical*.

General Rules how to assist in the various Kinds of *Laborious Cases*.

Daventers Sentiments on the *Obliquities* of the *Womb* considered.

The Method of Practice when the *Birth* is retarded by the twisting of the *Funis* round the *Childs Neck*.

Of the *Specuum Matricis* and *Apertorium* of the Antients, and also of the different Sorts of *Forceps*, *Fillets* and other Contrivances of the Moderns, with their several *Advantages* and *Defects*.

Mefnards curv'd Crotchets,——when preferable to the common ones.

LECTURE XI.

* * * A *Difficult Labour* represented by an *Artificial Woman* and *Child*; shewing the Method of applying the *Forceps* and other Kinds of *Instruments*, in the several Positions of the *Childs Head*.

Of the *Face* or *Ear* presenting.

The Manner of knowing by the *Touch*, when the *Infants Head* is advanced low enough in the *Pelvis* for the effectual Application of the *Forceps*.

Of the Cases where the *Forceps* cannot be applied with Success, altho' the *Head presents*.

Of the particular Cases which require *Instruments*,—how long the Use of them may be delayed,—and at what Time their Application becomes absolutely necessary for the *Preservation* of the *Mother*.

The Method of discovering by the *Touch*, the Narrowness of the *Pelvis*, or extraordinary Bulk of the *Childs Head*.

Of the *Terebra Occulta*, *Long Scissars* and *Scalpel Ring*; with the Manner of opening the *Childs Head*, when too large to pass, and the Life of the *Mother* is in Danger; also how to extract it safely afterwards by the *Fingers*, *Forceps*, *Tire-tête* or *Crotchet*.

LECTURE XII.

Of *Preternatural Labours*, where the *Child* presents itself to the Birth in a *wrong Position*.

* † * The several Kinds of *Preternatural Labours* artificially represented on *Machinery*.

The

The Method of Turning the *Child*, and delivering by the Feet.

Mechanical Knowledge apply'd to the Operation of Turning the *Child*,—how useful.

The Use of the *Noose*, and the Manner of fixing it.

Practical Rules and Cautions in the various Kinds of *preternatural Cases*, where the *Child* is to be turn'd.

Remarks on the Insufficiency of the *Glass Uterus*, in demonstrating the Manner how the *Child* is to be turn'd, in *Twin Cases*, or otherwise.

L E C T U R E XIII.

The Method of delivering when the *Feet*, *Knees*, or *Breech* present.

How to assist with the *Finger* or *Blunt Hook*, where the *Child* comes double with the *Breech*, and cannot be turn'd and brought by the Feet.

Of the *Child* lying a-crofs the *Uterus*, and presenting with its *Back*, *Belly*, or *Sides*.

Of the *Placenta* presenting *loose* or *adhering* to the *Os Uteri*, and how to act in the above Cases, for the Preservation of the *Mother*.

L E C T U R E XIV.

Of the *Funis* presenting before the *Childs Head*, and the Danger of its Compression in the Passages.

The Method of delivering where the *Arm* or *Shoulder* presents.

Of the transverse Position of the *Arms*, between the *Hind-head* and *Pubis*, where the *Child* is brought *Footling*.

D Of

Of the safest and most expeditious Methods of extracting the *Child's Head* when detain'd by the Narrowness of the *Pelvis*, and the Danger either of *Delays* or *much Violence*; together with such practical Cautions as are necessary in such Cases.

The Manner of extracting the *Child's Head* when separated from the Body, and left in the *Uterus*; with the Use of *Amands Net*, the *Terebra Occulta*, *Tire-tête* and *Forceps*.

LECTURE XV.

Of *Floodings* before Delivery, from external *Violence*, *Fevers*, the *Passions* of the Mind, or from any other Cause that will preternaturally encrease the *Momentum* of the Blood, and occasion a *Separation* of the *Placenta*.

Of *Floodings* after Delivery,—from the *over hasty* or *violent Extraction* of the *Placenta*, or a Portion of its remaining in the *Uterus*;—the Distension of the *Womb* by a *second Child*, or the Want of its due *Contraction* after *Delivery* from a general Weakness of the Solids.

Convulsions,—their various Causes.

The Methods necessary to be taken for the Preservation of the Patient, either in *profuse Floodings*, or *strong Convulsions*; particularly, in the four last Months of *Pregnancy*, both with respect to *Medicine* and *Manual Operation*.

LECTURE XVI.

Of the Delivery of *Twins*, or a Plurality of *Children*, and the Extraction of their *Placentæ*; with Remarks on cutting and tying the *Funis* of the *first-born Infant*.

Of the *Birth* of *Monsters*, and the Extraction of *false Conceptions*, *Moles*, or *Polyposè Tumours* of the *Uterus*.

Of the *Cæsarian Operation*.

LECTURE XVII.

The Treatment of Women after Delivery, and of the Regimen necessary to be observed.

Of the Disorders to which they may be subject during the *Month*, viz.

After-pains, *Contusion* or *Inflamation* of the *Uterus*, and *Laceration* of the *Bladder* or *Perinæum*; also of the *Medicines* and *Applications* necessary in the Intention of Cure.

Obstruction or *Incontinuance* of *Urine*.

Of the *Inversion* of the *Womb*, and *Prolapsion* of the *Rectum*.

Of the *Lochia*, when obstructed, or too large in Quantity; and of the Effects of *Opiates* in the above Cases.

Of the *Milk-Fever*, enlargement of the *Breasts*, or Soreness of the *Nipples*.

—*Topical Applications* for repelling the *Milk*,—often pernicious, and why?

Of the *Rash*, *profuse Sweats*, or other critical *Evacuations* supervening the *Milk-Fever* or *Obstruction* of the *Lochia*.

The *Collostrum* or first *Milk*;—its *Qualities* and *Effect* on the *sucking Infant*.

Of the *Nature* and *Secretion* of the *Milk*;—how render'd medicinal to the *Infant*, by the *Effect* of *Medicines* administer'd to the *Nurse*.

The *Evacuations* necessary at the End of the *Month*.

LECTURE XVIII.

The Treatment of a new-born Child.

Of *washing* the *Infant*, and of its first *Dressings*; with *Remarks* on the antient Custom of *Dipping* new-born Children in Northern Countries.

Of the *Disorders* in general which attend the first State of *Infancy*, and the most approved Methods of *Cure*.

Of *Fractures* and *Dislocations*, and also of a Species of the *imperfect Hydrocele* peculiar to *new-born Infants*.

Of the { *Mould-shot Head, Hydrocephalus, and*
Spina Bifida,
Confinement of the Tongue, and
Obstruction of the Passages.

Of the { *Hernia Congenita,*
Icterus Infantum,
Toothing and
Watery Gripes.

Of the { *Tinea,*
Thrush,
Red Gum and
Discharge from behind the Ears.

Of the *acute* and *chronical Diseases* in general, incident to the second State of *Infancy*;—their *Pathology* and Method of *Cure*.

Of the { *Small-Pox, and the Artificial Method of com-*
municating that Disease by Innoculation.
Measles,
Tussis Convulsiva,
And Epilepsia Infantum.

Of the { *Rickets, Atrophia, and*
Disorders arising from Worms.

Practical Cautions respecting the indiscriminate Use of *Bleeding, Blisters* and *Opiates*, in the Diseases of *Children*.

Directions for the Choice of a *Wet-Nurse*,—the Indications to be taken from her Habit of Body, and the *Quantity* and *Quality* of her *Milk*, with Rules for the Regulation of her *Diet* in Disorders incident to the *Sucking Infant*.