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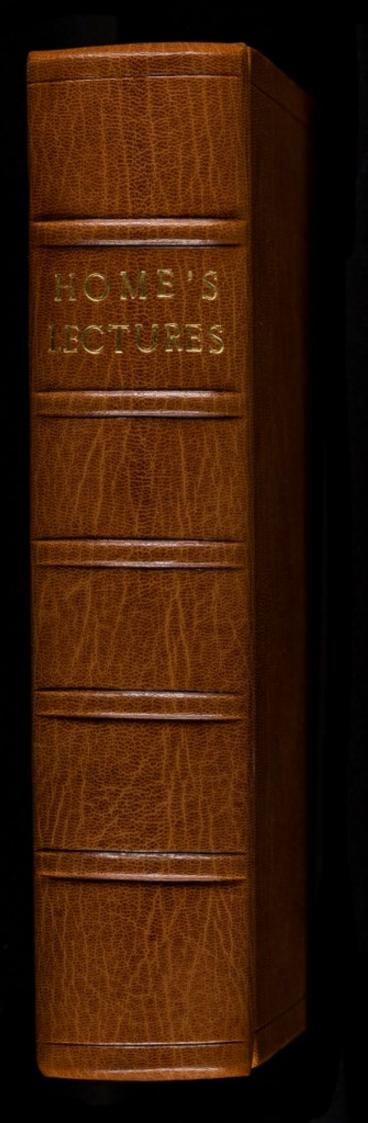
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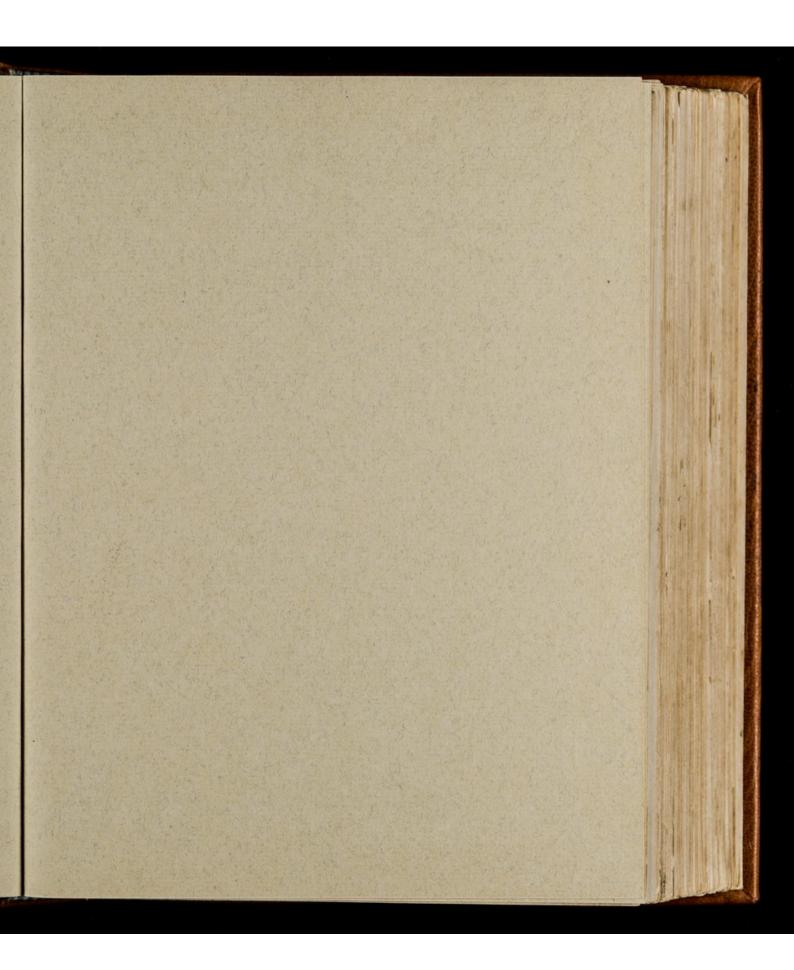


HOME'S LECTURES

RAMC 295



RAMC 295



Sections of Home C Edward Burton.

1. Inhobactory. 19. Amputation. In Injunies of the Head. 1. Hermin. Into He moule and Cartaline. 1. Political America.

Sechere the 1." Introductory. It has been would in a Course of Les teres on any branch of The look by n Juine, tais qui what is hermed an Interductory Section on this Lection a short history of the vice and pro grefor the subject is generally given, to wellenis pointed out, and the best mode of improvement as Justion in it, explained.

Profession of Jurgery. To passed the The anguish of the ristressed, from out its own while, and led news the Man be, who Phinks the believe of such a profession shirt There who have made some foregreets in the stady of Migay, it is not him necessary to ender into a minute His long of it. Suffere it to say, Matin The raction ages Jurgey was at a very ell. It for the most part consister

cians who, being ignorant of the Muchan and functions of the thuman body, we totally in capable of that Office. I warry that the progrets of the one has always hell free with the progress of the or The Little wething was known of Ana - tomy till it was fruit attended to by Appreciation From that line it has been streshed by individuals in almost way a Permity; but the natural and asky to and prejudice against, o'end Laring rendered it necessary to follow the Mine

of it in secret. In France This seins first to have been got over; and public values for the teaching of Anatomy were in lite led then at the beginning of the last Conting, which won revoled by Midents from all parts of Europe; too one being Thought property execution, who had not studied at Lanis. In England, before The line of the colehated D. Muntin. Anatomy was superficially laught, or altigether worknown. To his in dustry, persuance, and Palents, the tounty is indutted for its improvements in this Secree. By his superin knowledge of it, he

became a heacher, and with infinite in - bour and for deficielty, he withte to a public whool for Anadomical Muching. To the butwant honour of being the most propert waster of the seeing homeself, he a Dea The more meritarious one of making his papel so also. Acutain portion of Anatomical laws. ledge has at all times been allowed to be necessary to a Juyeon; but this has been as very limited one. His on this ac. -count that the stides to finding the pro-- Whin surrounded with uncertainty and mothers, has turned away to pursue the

up despends one of Medicine, or retired to some other occupation in disjust. A general throwledge of Anatomy is by no means sufficient, nor much that Knowlike of it be acquired by Theory. It should be heard in such a manner, as to be ready for use at all times; it should not be to seek when it is wanted, but heretation occupy the place of cutainly. It has been thought that minute Analony was newpary only for Teacher; but too much cannot be known, too little may. Get whatever diligence has becaused in the requirement ofit, all

that has been learned of to whicale a sei suce, can never be remembered, nor alway how to applied. Anatomy wi the groundwork of the Les - felion of Jurgery, but it will not make a practical Suyeon. After having at-- Tended to Firstony, The Animal Olo. - morning is to be minutely studied. It will otherwise be impossible to investigate the aconomy of Disease; for if the na-- tural school of the body are not under. stood, the desired ones cannot. The first of these two princepal studies is to be bornt in the Schools; the last

by attention to Desease, which is best done in Floopstate; a part of Surgical Policeation to little ittended to. Then are the qualifications needs ary go the perfession of Lusery, anden-- able the Surgeon to understand, what - would be otherwise wellnown to him. I, to these, little ele when deplicity and frimmefor found are requisite to make a good Surgeon , who whould not only be familia without Opera. - tions, but know his own powers the -roughly. On These counts great cities are the only places a dapted

to the Study of Medicine and Sugary, and more particularly the Hospitals; where wery vaniety of derian is seen, and every Charaction performed in various manisur, so that the I hedent isen abled to judge for himself. In his a Sten dance all Hospitals, the Student is naturally lead away to Ofer ation of the greatest course guerice, or which are most a donisied, and he is too in attentive to The more common, and consequently more necessary, mes. But the most diligent altertain to ell is neafland, for her Genin will

avail but little; judgment, materied by Study and Expension, will be of infinitely qualicutitity. Office fracting Sweet an to be understood, before Eperations an at-Sended to. The various effects of Disian on different les titutions are le be allen - de d to; They are very envisus and some - times ex have denary, and account for many thewire though or uneverse. There, then, are the principal Shedeis supposed to make an operating Sun--gion, and they are provided out with more confedence, as this was the plan pursued by the lat Miloha Hunter,

with such peruliar emenine and much. He may be helbout as an ey-- ample to others, who, though they may not equal him, may yet gain Jame and reportation by hurswing the same steps. Cherations are generally considered as nets of buelly, and consequently Ofer - rates es will of feeling and huma-- nit; and the calmust and frimms, of mind, which progrent prusence at Some of distell hacker, an attributed by the ignorant to a hard heart. But that consibility which takes away

the power of a diministring a prestance to there in distress should not be mustaken for feeling. The restaint which the Sugress puts on his own Julings, while wing for the relief of their, and anyward for the Jucul of his bheration, under him in some meadine insenselle to the Sufferings the patient; on a principle set un - like that which shall enable a mo-- The to hold her child during the responsence of a painful Operation; putting a restraint on her own fu-- lings, and intent only on the suffering

and safety of her infant. There is cer-. tainly nothing in Jurgery that can augment den dernits and feeling; but at the same time there is no -- Thing which can harden the heast, or dea den benevolence and humanity. No one can operate well, who does not place implicit confidence in himself, for the mind must be pre-- pared for every emergency. A student should not suppose, that because he has sun an Operation performed, and can have the different steps of it, that her is able to perform it; many Things

things being requisite; which will es--cope the eye of the most attention obsumer, and which none but the o-- perator himself can be the went of. Particular attention should be paid to the different modes of her forming an operation, and the different his - thuments used. Va should it be determined be forehand what is to be done, as some peculiarity or s-- The will aux in way in divi -- dual Bu. Inqualic towards any particular instrument should be a-. voided, but the Surron be con-

- fixed if it does not weren the for enter commentances of the Pase, he should not be able to use it with the same dry tenty as the Sincenton. There are laser, where the Cheration man the performed in a namety of ways as for example, in the operation for puncturing the bladder. The par-- heilar lase should then be considered, and the most convenient and safest mode chosen. No inshument should were be used, the use of which is not thoroughly unders lood . As the line of an theration is any cous,

particularly to a young Surgeon, we - 14 previous arrangement should be made, to present un necessary de lay and confusion. Good assistants are of great consiguence; They are to have no opinion of their own, but are to eveter completely into the view of The Operator, and consider them-- selves as merely mechanical, and part of the Instrumento. In any other place than London, Awould not have been proper, to have named the requisites to from. a good Paretical Surgeon so forci-

. Ably in to such an extent, but as they are all easily attain able in their li-- by which we qual, if not superior, to any in Europe, as a School of Me-- divine and Surgery, the unpropriety would have been in omething them. This is the only place, where from a variety of himmstances, Inato-- my can be laught without interruption; where Hospitals are open for all students, and a fred them the most invaliable opportunities of I tudy; where disease is seen in all its varieties, and in every form; and where

the practice of different Surgeons and The different success and efficiery ofeart, may be witnessed and attended to. Such are the points on which we build our everience as a me dieal Tehool, such the advantages offered to the Mudents ofit; advantages su picient to excelle the industry of wery man; to make him am. betiens ofernience; Fraise him to the head of his profession. But all depends in the diligence and attention of the I he dent himself; with such advantages

it is inequireable not to be of his Inofession; whereas the good effects of present in dustry will be gett in every May of his practice as a Surgeon.

Lecture the 2. Inflammation and Fractures. By a law in the animal Conomy, There are always certain proughes taking place in every part of a li--ving body, when injured, for the recovery of that part; whether the injury is the consequence of acrident, or of any Jurge cal Operation. It is therefore the first duty of a Surge. - grainted with these natural notions, that he may know where his a bio.

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- tance is requisite, and where Na-- tion may be left to horself. The action, by which parts inqued, are repaired, is termed Inflammation. This action will be first considered in soft parts; afterwards in the bones. His divided into three parts: Union adhorne stage; and union by Suppuration and Granulations. If a wound is made through the skin and allular membrane by a clian. - culting inshument, the first conde-- quence of this incision will be that

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that a certain number of webels are divided, which immediately throw out their contents. The blood Thus thrown out, wagulates, and forms a cement between the Two divided sur. faces. But it is not the whole ofthe blood which coagulates; the red glo. - bules are absorbed. The seriem separates during the wagulation, ando voges away, and the loagulable Lymph only remains; this will become solid and receiving ressels into it from The surrounding parts, afterwards undergoes such changes in its texa

- here, as enables it to assemilate itself to the parts, which it unites. Aresluation of parts, arising simply from This prough is, what constitutes Union by the first Intention, which should be affected by the Jurgeon, whenever he has it in his hower. If the wound is so large, that the edges cannot be readily be brought together, or if they are suffered to remain a part through inattention, and the extravasated blood escapes, The bond of Union is then gone, & some change must newsarily take

place in the action of the refsels, to produce a fresh one. This is jected in the following manner; The parts be. come increased in volume, heat, and redness; the red blood, in consignment The delatation of the restels, is thrown with those, which should only contain wagulable lymph and secum; The action of the muscular water of the arteries becomes encreased; The blood is consequently carried with greatura. prolity into the smaller reflets artering and into the veens, which become profootionally more delated Than The

reteries. The omaller actives now throw out a deparate portion of the Blood, which is consulable Lymph; and this Gorming a coment like the formers becomes vascular also, gat length the same as the parts, which it By this process the nature of the wound is altered, it becomes more tec. mid from the increased size of the reflects; red der from the greater quan tity of blood contained in them; and hother, from the greater quanlety of blood likewise, I though never

more so, Than the Mandard heat of the body and not from the Inflam: matory state of the Blood, which does not increase its heat. The effect of these changes is the exudation of agulable Lymph, which takes place, separated from the Seven andred g bobules, enabling it to cong-- whate much quether; This is well Mushated in Inflammation of the Intunal wats of Veins, where the Congulation takes place so quickly as to prevent, as to prevent the ling. - lable dymph from uniting with,

or being washed away by, the current of Blood. This executed proafs has been term ed Union by Inflammation, or more which by of M. Hunter, the a'bhas we stage of Juflam malion. The only survive the Jurgeon can be of here, is, to being the edges mondon. - by logether, that a smaller quan-- lety of wagulable lymph may suffice for the union, or if the action of the reflects is too motions, to orother If the edges of the wound are so much delated, that this mode of Union

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cannot take effect, and the wage. table Lymph, although it lines The sides of the wound, is not sure ter in sufficient quantity to fill it up, Nature gas in to the their process? The surfaces have The sonactions of their sepsels southers, as to Throw out a flund, which from its not being found in the blood, may be called a Secretion: it is Known by The name of Sur; it has the appear - ance of cusm, and, when ex amined with a microscope, is found to consist of an infinite number of

small opaque globules, swiming in a hansparent fluid. There is also a secre. hon of new flish, termed Grammatations. There are very varie by of a florid red colour, and verentar in their thereture; They arise in succession, one o-- ver the other, covered and defended by the They why this is the case, is interes in Minown, but it appears to be absolutely necessary. When they have usen to a level with the Surface of the skin, they contact lowards the centre of the wound, and become covered by a then hanspacent

pellich which is afterwards converted into skin; This new skin, however, inffers in some degree in the properties and therability, of the natural Whin. But while this process is going ong the adhasive stage of Saflammation does not cease; for, continuing, and setting bounds to the suretion of Pus, it prevents its being carried in to the neighbouring parts, In this stage there is, tither ite and The prout going on; for the wage lable lymph, not having answered the purpose for which it was intended,

I the granulations have a contractile power peculiar to There welves, ceeses in they approach to the quantity I new skin framed, is considerably

is afterwards removed by the absorbents. Thus, it is by means of the actories, that parts are renovated, and by means of the absorbents, that the superfluousparts an removed. Inflammation, then forms a series of natural and saladary actions, arising from principles existing in the ani - mal denomy, totally un connected with Discuse; and if there actions go in regularly in a healthy lin - thilution, the wound will head, and there will be little or no need of Surgical afsistance ?

The same process takes place, and if the inflammation be very quest, an about forms, the lather stages of which are 1. Il these prevent the process of Inflammation from gring the hart duly shall here have ties. 2 x there only,

But there are too often unfolunate Jumbarties in the torshtution of the patient; and as much as the linstitution deviates from a State of Bealth, so much with the actions carried on in Inflammation of and wounded hart. Some uns litutions au irritable, in others the parts are indolent; in others, They are weath, in their actions fall short of what they are intended to herform; in others, again, there is some specific desease. His these deviations? That become the object of the Surgeons water tion; but they

are so numerous, that it is ulterly in profible for one mend to comprehend the whole of them. When the constitution is initable that is, when instead of wagulable lymph being thrown out in sufficient quan. - Why to unite the surfaces, The In Hammation, which takes place, does not perform its office; when it is attended with pain, and instead of their natural withite, the parts an of a lighter colour, when this whom is faither extended than naturally, and The parts we overheated, Jenally when

the granulations are less compact, broader, higher, and paler Than usual, and the how is their and greenish; in this case both the constitution ind hats must be wither, yahple. cations made use of locally, which will prevent the parts being him ried on too much, and deminish the Inflammation, and sensi-. bility of the nerves. These prinwhelly consist of to different prepa rations of Opinion, Lead, and them. lock. In some instances barret postteers are of greater efficiery

Hun my Thingelse. In one insta where almost wery application has been heed in vain to an allen, and nothing but a Carrol fronther would was of the least service; The Carrots daing accedentally warmed, the M. - cer heated almost immediately. . But much caution is required in the heatment of their alees, as the shighted variations frequently forduce considerable changes. Where the parts are indolent this. mulants should be applied, but this state is very often connected

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with weathruft. The support affords the qualet afrilance, and this can only be properly applied by withouse plaister. There are many other of. plecations which write action without initating; as salt water, The Thank here only healed of these vawithis deparalety; but they are of . In so mingled together, that it is difficult, and sometimes impossible, to distinguish them from each other. The Inflammation too is often of a Specific Nature,

as, for instance, that arising from Scrophula, Cancer, and the Lives Ve - nerea. The poisons of these disturb all the actions of the long litution; and the different puntianties of The latter are intermitted with The Specific qualities of the for-- mer. If course, the last must be gotried of before the other can be Where the Surgeon is una equainted with the nature of the Saflams - mation, hi should begin with the most sumple means, and, if

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There do not succeed, prover to more powerful mes. The proaftes here or - numer ated I hould be attended to, in wounds and operations of way description, and the deveations from health observed. The bones of the for the soll parts The body in properting a from. - tion of hosphale of Line anio-- The materials, which you them hardred tourist the action of the · inches they are less vascular, & consequently their power of healing an lepo. In their original formas tron, the soft parts are formed first, and the earthy matter deposites af-- termande. Flat bones are substituted by mem brane, before ofsification takes place; Extendercal Bones, by landi-- lage; and the same change lakes place, when a portion of Bons is to be restored, as in the original forma-- tion. Thus, if part of the Mull it be tem voed, men beans is jumes firstill part of a Cylin sucal Bone, Cartilage. And it is in the repair of Some that the Surgeon can render som in a frestance, by verying

the fractured ends of the Bone neares to one another, and retaining then He will suppose a Tibia simply frace tuid, where the extravarated blood is, of course, unable to except . The will say that The surrounding parts are lacerated by the broken ends of The bone, and filled with blood; and that they are more or less swelled, as every spacture must ireate a cer - tain degree of humefaction. The blood in the soft parts is ab. sorbed; but that interposed between

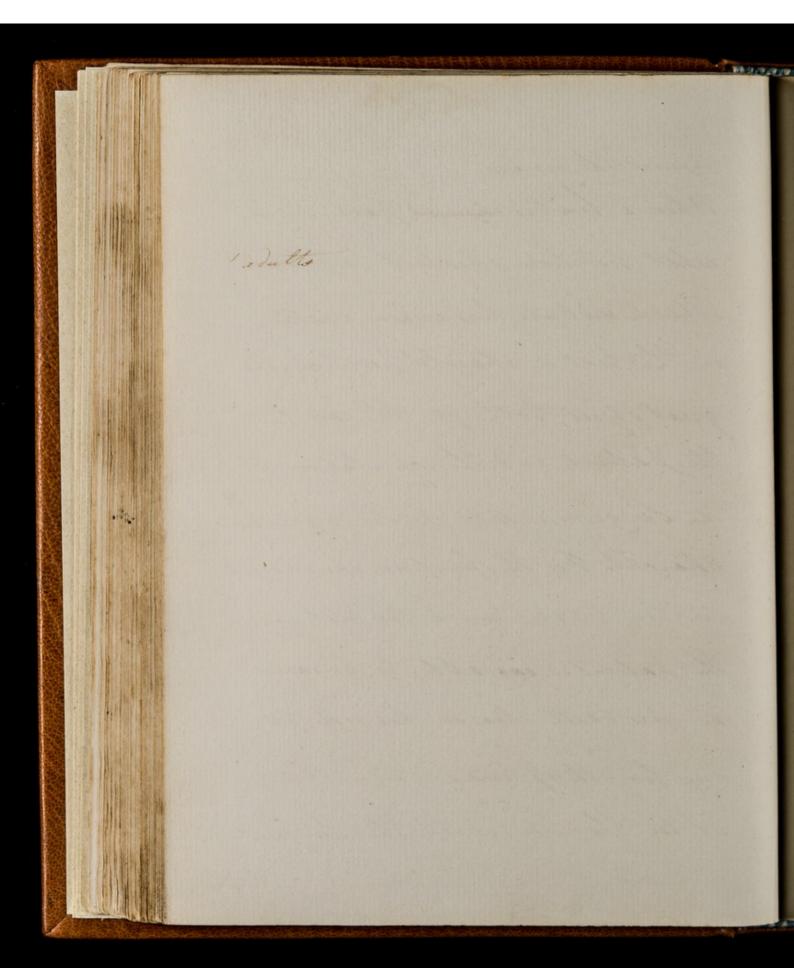
the fractured parts becomes lalitage, and afterwards earthy mat-. Ver. When you are acquain to with This, the whole of the heatment of machines is un desstood. The bone is to be brought to its note ral position, and so kept. Enough confinement should be used to support The leg; more or left according to the nature of the Fraction, which may be withen hansvery oblique, a splin tered; and different heatment will be newfrang under their different circumstances. Where the Practice

is handwerse, all that is required is to him the wide with Upper han, and their rough ness will prevent thein from Shipping advender. Lateral com-- pression, however, has been used, in wide to secure them still faither & to quand against the involuntary actions of the musoles during thep which would otherwise displace Them. Att facture be oblique, and the ends of the bone hie one on the other, or, as is commonly said, ride, line finement is absolutely indispensa - He. There are ent lances, in which

no beterat pressure will be effectual, and then by tension must be head as course to. The prefine should be regulated according to circum -- stance, lest by being toogreat, the Cond of union should be prefered to These Fractions labour under ano-- The disadvantage; for the points of the bone are aft to finish the surrounsking parts, and thereby writete them. Confinement, there-- for is proper for Three reasons: with to heef the limit shought; secondly, to present that bon's

being displaced by thesen; and Third. by, to prevent the too great formation of Callies. Itseldom a love dass in-- Juny. A friend of min was called in to a Gentleman who had pac-- tured his arm, and bound it wh very light; tension and inflam-- mation came on, and the gen Iteman lost the new of his aren. Supposing this to be the effecting ill heatment in the Surgeon, he entered into a law buil concer - min it; but in reality the blow which had fractured the arm, had

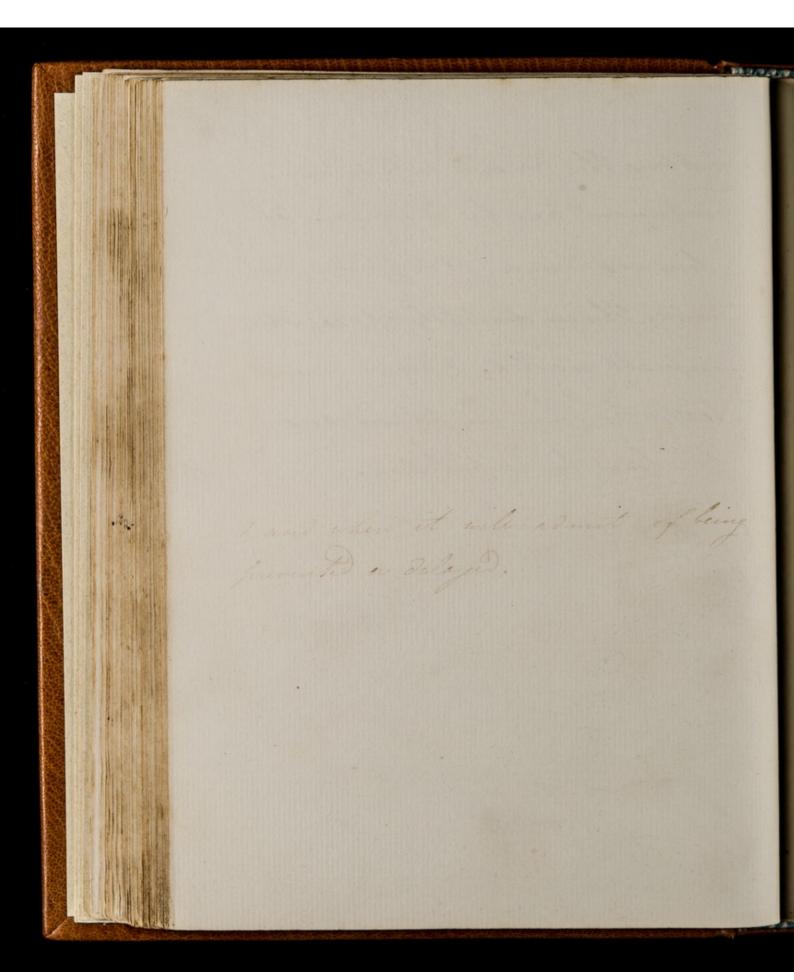
injured the newes. When a limit is virgued pactured, in what position should it be place? Much dispute has arisin whether in the bent in shaight position. The great object, both for the case of the patient, and the reputation of the Surgeon, is that the Simile be made shaight. In this purpose, the thought Justilion and was much the best, as The patient is easeable to hie carin in his back than on his side for any length of hime. After the hinter set, the Surgeon



is to be regulated by circumstances. In chitisen, Callous with take Three weeks to form; in month, a month, and in old poeple much longer . If the limit has made no progress towards union at the end of five or sig week, in patient should be set on our teles, and the limb un confined, and yested by degrees, by which means, union with generally he effected. In fractions of the by Braches, of the weight of the foreasen draws down wards, i light bandages are used, The natural bond of union will be

Imped down lowards the Ellew. This should be kept in mind, and the fee trust made to bear on his Utions. If This is not done, hature grows weary of forming new Callows The sparter redends become covered with Carlilys, An Operation is newsary toulieur This. The one usually recommended in books, is to cut down on the bone, saw of the two pactured ends, and make a compound Fracture ofit. M. Hunter used to cet down on the hart, and execte In plainmation 2 horney out

subbing the two ends with an eron instrument, and by this means lat. loves was thrown out dafficient for Union. This un doubtedly appears the Ineferable method. If Union cannot beflected thus, the hatisis can soil be relieved by limputation.



Secture the 3. . Amputation. Be fore we proceed to the manalogeration, it will be needlary to consider when it is requeste, and under what pecaliar circumstances it ought to be performer; for though this highly fire per to know how to huform anyopen - nation, yet it is thit more so, to know where it is requisite, or proper. There is no subject in which were judgment a more experience is wanting, and from a objectively in this point, a Surgeon

preguently looses his reputation. The cases, which most commonly her - minate fatally, and require Ampu. tation, are the following: Compound Practices, particularly these arising from Gunshot wounds; deseased juints & bones, and arteries partially divided. These are the principal ones, & those which will be how taken notice of. Compound Fracture vary in the device of danger, and mode of heatment, recon-- dies to the deposition of the external and internal mischief. If the external isury is small, and the parts internally

a Min I haller it is imprope is sufficient Mougho. a later here here bone I the free form, we

are not much lacerated by the fracture ends of the bone, the facture should be heated wa simple one. This may be at - tempted as long as there is any Homen -whage remainings blood is the bendy Union, and ar long as there is any fresh blood thrown out to perform it of-- fice, some hopes may be entertained of success. Even where the external wrend is large, if the Inflammation brought in will a dinit of it, The same mache may beattempted: it will always duceed in young persons better Than in old ones.

he much V, y Thei is not done, the life I he patient will be mise. her permitarity at act on Compound Fractures on genetat wounds in that arener, that they re Thrown off, of the fatient

Anesta ordinary instance of this hap - June dome time ago at I. Georges Hospital. A boy was brought in during the night, who had partured boths the Tibia and Februla of one of his legs; the pacture end of the This protucting upwards of two inches through the ax-- ternal wound. The House Jurgeon was unable to reduce it, and left it sticking out. It was twelve hours after the accident before I saw it, when I reduced with considerable difficulty; The wound, however, healed by the first entention, the bones became fur-

- petty united, and the wound didne well as any semple fracture. This is an extreme cases, but it shows what may be altempt. Where the External and internal inju. - ry is great, Suppuration takes place, and extends itself among the lace atid parts; love preces of home produce cri-- tation; senies form, and expoliation ensuls. The skingth of the patient now becomes exhausted by confinement and the continued initation; heether from follow, and y the Jurgeon is reduced to the needs to of Amputation.

When a ball paper through a ly m. thigh, and the bone is pactured; of the surrounding parts are much lace stat, The mischiefes too great for the limb to recover itself. Her again An putation is necessary. In some instances, where this accordent occurs, the home shall not only be frac. tund, but a sound shall likewere be injured. Although wither of these alone might be within the power ofrecovery, get both byether render it utterly in - popolible. Some cases of Compound Fracture do

not give an idea of the specation, lite The constitution of the patient is exhauster this seem to require it immediately. So the patient most little to recover; if Amputation has been performedin. midialely after the accident, in when The first symptoms have gone off? This question is of the greatest consequence, and applies equally to all other the. - whine Itis from, workers to what on would suppose from Theory, that a herson in fall hoalth is in The worst hopeth state to undergo an theation; for the shock both to the

bidly and mind in such a person is much greater, then in one worn down exhausted by Disesse. In the field of battle, the proportion of Those who sink under, to those who survive, immediate Ampulation, is is very great. At the suige flialence -- ennes, so many men were placed in The henches, and wholed to the enemies fire, that the Compound fractures were very numerous, and a great many underwent mine diste Ampulation. I very few of these recovered, that the Sugar to the King of Lufera ifund

a general order that no one whom to per - from Ampletation, immediately after the wound was received. The same observation holds good every where; for the patient seldow re coons from imme dicte Amputation. On The conhary, when the patient is lowered by the Inflammation, and symptomatic fever, There is a mich better chance of success. Thereince, Then, hackes as not to. Juston The operation of Ampertation, tite the frist . Inflummation has subsided, enligh the injury has been

such, as to render it impossible for the patient to get over it. had I will carry This remark thite faither, by saying that it is elmost incedible, in what y have. - ted da breets. Impate how is succe fful. There known a patient with night. - sweets, shereinger, la befolet and ap - tite, sleep all the right after Am. - putation. In disease joints, There are no such of fleither to incounter; and in duck no patient round submit to an opera-. ton, tite he was ween out by the discharge, unitation, Inflammation,

Jever, and pain, which is sometimis in. -supportable. The Operation is perfor-- mud here, principally on account of the constitutions giving way to there dynh. - Now, and it may be per formed with rafety, when the patient is very much reduced. Even when night sweats and shwings have come on, and the pale is acry low and week, if the instating cause be removed, the Constitution with na by, and the patient do prefectitivell. The following care i a remarkable yam - ple of this Haid: A sailor , wishing to get out of the surice, applied a

caustic below the line, which, contany to his intention, affected the ligament of the Latella, and the wint became 14 hemely diseased. He was in time so reduced, that his life was despaired of; but, Though he wer too weak to be removed from his bid, I performed removed the limb, and the initating cause being Taken away, the patient perfectily The same reasoning the lots good with ne -- great to diseased bones. There were neces with for performing the Operation, unlife when sinus form, and muchiefis done

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The symptoms of lines from correspond almosteractly with there of Interioristion. If the shake is not very violent, the will be that decangement which takes place in a half intersecated person; if this of greater veolence, the isses sibility of one compliantly struck. It would therefore oppear necessary to enquire what state the patient was in, when the accident happened. If he was sober, you may verture to say that the symptoms before you are. Then of lon cufirm; if drunk, there is no knowing what they are, and it

or the there for be predent to wait, tite Intoxication ceases, before the Ma ture of the case is determined whom; he it has fuguenth happened that a drunker man has been heated, as one having an injury of the hair. When the symptoms are much those of Consussion, They will subside wither a limited period of from two to herenty. four hours. But there having gone If is no security for the recovery of The patient from the injury; for the he shall eppear perfectly well, and shell return to his former avocation;

to the survending parts. Another more race occurrence, and one not commonly under tood, is the partial division of an artery, by a wound from a shark frice of bone, or fronted in the - ment Thus no opportunity is given for contraction of its muser lar wat, and of the artery is not within reach of being taken up, The buil must be removed. Where This is Mender by Compound Fracture, it is utterly in. populle toget at the arter, after the first Inflammation haverme on; Ais so en bedded in broken price of

bone, and the swollen parts. In These cases, it bleeds, title the Constitution is whanted with lofor ! bood; it Then stops: but as soon as the heart and achier in the bast recover Their es-- nergy, the same proups takes place again, and so on, lite the patient The following are cases in point: The leg of a sailor was fractioned by a blow from a cable, and the Lostenin Sibial artery wounded by a piece of bons. The effects of Sature to olop the themonthage were buing and The limits

....

was at length new ourd; but loo late, for The patient died, exhausted by The tra monthage, which had Already laken place. The fream of a human sol - deie was wounded somewhatin a si mila manner. Ampulation was her clas performed too late. In the cese, had the nature of the account been ander took the retery might have been taken up. If proprible, in wounds of this Rine, the artery should be wholly decided, and allow ed to contact.

laving and thus much of the Care, in which An putation is really, we will now proceed to the Bustin itself. And first in the lower of hemety, Juf-- prising the righty to be about the an - Al soint. The difference of danger 1 20 great between Ampartation above and below the hour, that it will be frudent tiren some risk to soved the former. If the Inflammation & Thekening of the parts extend nearly up to the Rome without offecting the joint, the Muse may be saved; but the muster heits depend on the suggment of

the Surgeon . But, as Isand before, In phoning The insurain the wille, in what part is the limit to be removed? There is how full latitude for her forming the the. ration in any part of the Leg. Frimerly it was the practice to Am-- putate very low; but if the patient is to work for his head, The limit thout be amputated in such a man ner, as to Mow him the greatest use of his thigh and Hace; and this is best effected by ampulating high up in the leg, at a sufficient destares from the line joint, to allow of support

Tungavier to the Stump. But if the patient is in a higher rank in life, something may be sucrificed to fashion, and the appearance, as well as use, of a Les, considered. By ampu-- taking lower down, more hold is gi--ven for a false leg, the makerses which have burght them to such perfection, that is defficient to dis-- tinguish them from natural ones. Having selt hed the point, The first dep of the Operation is the applica - tion of the Journaguet; which may be commonly applied with perfect

refety in two different returations, when in the femoral astery, in the population acting in the Ham. Care should be ta. . Hen that the Turniguet effectually slate the current of blood through the acting to which it is applied and the more effectually to present this from failing, a had and band that be first applied, The had being placed inimediately over the retery. Over this the Tourniquet is to be puton. Attention is to be paid to the second it; its heald not be too of lique, lest the Some -- uguet run down again. In ada to

remote this, some inshument make have placed a catch at the indefthe seren, the consequence of which is, that the instrument is undered much more. complex, and of the nature of the catch is not understrood, the catch can not be let down, when it is wanted. The band of the Tournequet is to head - which double, as there is then less chance of any accedent happening from it busking, and more purchase for the screw of the instrument. During The. was in Flanders, complaints were made, that the Tourniquet books on

Application, and that the life of one patient had been bet byit; but the fact was, they did not understand Show to use them. It has been wistomary to use buckles. Now buelles are made at Brusminagen; They are smart, fashinable, things e. - nough, and form a very pretty or -- nament to a Tourniquet. But They are not in the least to be defrended whon; some are good, and some are had; some will buch, and some wort; in short it is a mere chance whether They head, or not. As, Therefore, the

Tipe of a patient is not to be wanter - by fut upon a chance, the use of these should be avoided, and the band hix instead. The Tourniquet should be ap-- phid exactly opposite the head. If the limit is at all admintons, what on the first application was hight shall, by prepring sway the fluid in. to the surrounding cellular mem-- have, become love. It may again be hightened, but whon furtineision, The fluid rushes out, and again it be - comes love. This can only be remedia, by applying it, and reapplying it afternas.

At the management of this inchiement is the most important charge of an africant, one should be chosen, who can throughly be depended whom. The Tourniquet having her applied, The operation is to be proceeded with. But first, how is the Specator to stand? It has been directed, to stand in such a manner, that both boms may be sawed Through at once; that, if the Surgeon is to operate in les, his right hand will be towards the patient, if on the other, his left. Buttawing Through both bones together is of no mo-

ment; the Operator should always stand with his left hand towards The Ance, no he can depend more on his own hand than that of an aftis. . tank, who is aft to flinch, from from of having it est. Sit with to apply the lape or not? if it is meant as a quede to make a wicala incision, Ishould say, certain. · by mot; for no Lurgeon is fit to her form This operation, who cannot make one without my quide. But if the parts are losse and flabby, rot. - his it three or four times wind the

sig, serves to give furnisule to them, in present the skin from folding and wrink - his under the Knip. In this operation, the joint of the Knee is to be entirely avoided, and it the same time the Surgeon should be careful not to leave too great a length of This. The external in cision should be an inch and or an inch and ar half lower, than where you intend to divide the bone. The apristant should draw the skin up towards The Muce; and the first incision should be made opposite to the side, on which

the aperator stands, but not two much on the wife surface, as he must incommede hinself by coding. He should begin with the root of the horife that he may have the whole blades lent of the blade. The incision should be made through the skin and aller. - las membrane only; the operator is therefore to use a drawing cut without pressure, lest he cut down into the museles. There is no object in making the whole but me incesion; in the contracy it Throws The Operations ody into an awkward position. The

turned and alphied to the other wide, and the incidens made to meet. This being finished; the Amfutation Know is to be lacid aside, and with a scalpel the skin and ultilar membrane are to be detached a wards in all divie. - tions insufficient quantity, compliantly to cover The Sharp. Then, resuming the Ampulating Knife mu incision is to be make throng the The Catalin is to be afferwards witho-

has tones, with I with I them. That This ligament are to be divided and bath one her feetly cleared. The museles and lacked hallan with higher out them How of the Wina. The advantage of Their wafold: frith the fitule is to Surid in muscle, that there is no chance of its preficing against, and making its way

its exteries are much larger, and generally more numerous, and there is a larger map of Musele. In some cases, where there has been considerable Inflammations, this astonishing what a number of small wite. - we must be secured, sometimes hacteen fourteen. This operation is of greater con requence, and the Jemoral artery, as I have before stated, is to be taken who with a nudle: Plenty of thin should be left, rether too much then too little. Cases are comehous met with, where the arteries are so diseased, as not to clou up Their orifices, when the ligature comes a-

way. Of the the Surgeon Whould be aware. In secondary Hamourhage, which is offen The consequence of anatherefit to heal the thunk by the frist intention them amy Thing else, at the sefeets which conhact in exposure to air, y hand again when they regain their natural warmth, it is sometimes very difficult to find the blueding refeel.

at the interoperous actory, which having a greeve within it. This done, the Fibrale Should be first sweet through, rather higher wife than the Titis, and the retractor mays he used wither before or after this. The Tibia is then to be divided with the saw. The operation itself may now be said to be finished, but the the reflets are to be taken up; and here the Surgeons lina - tomical knowledge is to be used, in or - der to find out their situation. There are three principal arteries to be taken up, two Titial and an interoffe

out actory. These should be seeined with a tenaculum, for when this instrument is used, the ligature commonly comes a - way much quecker, then when the much is use of Besides these, there is a general voging of blood from The showsh, which will cease spontanionshis The africant should now stacken the Tourniquet, by which means, the smalla hanches will become visible, and, as many as require it, may be occured. Some Megrie of voying also commonly lakes place from the

All actives of a life rige Than the Bracheal and General, should be taken up by the Timaculum. To then, howewer the mudle should be used; for in sparen, a any visitent motion or exhow such as going to stool, the force of the heart here is sogreat, as to force If the ligative now and then, and of course the patients life must be lost. This once happened to a pate ent of M. Broomfields, who invented the Sinsculier, which is us. roubtedly one of the greatest in. - provements in modern Surgery.

It is advantagious to apply a roller from above downwards, which will prevent spasser, and the Min from retracting. The cut surfaces should then be hought ligether wither perpendice lasty or ho-- rigortally, so the shin will his best. The former is per hafs whom the whole preferable, as, by bringing the liga -- hour out at the lottom of the wound a drain is formed for the seriem, and hus which is formed, to voge away; this, however, must be determined by air. - cumstances. In buiging the skin logether care should betaken to drow

the Ligatures out thaight, and that none remain in. The edges of the wound are much to be brought into contact, not queised together, nor made in the least to lapover one another. For the juice pose adhasive plaister answers best, es il gives support to the parts. The ad hasive plaister is to be spread in him, not on beather, which heing an unimal sulstance, when blood comes in contact with stand putefis, is aft to conside and this all the Surgeons labour is vain. Not only the thin, but the cellula.

membeane, muscles, and home must be hought work into contact by means of Compresses; if this is not dine, suppura. - tion and abcefor will be the consequence, and all endeavours to heal by the gistentention confuted. The patient is of course to be kept perfectly quiet after the operation to prevent Hamorchege in Inflamma. - line. The same observations upply to lim - Justation of the Thish, The only difference between that and the les, being, that it has but one bone,

Lecture the 4" Injuries of the Brain, more particularly that hart of this Subject, which requires the Phera two termed Trepanoise, from the name of the Jaw, used in it. Injuries to the brain and There Kinds: concussion, compression, and to be of substance. The frist of thece is the most prequent it is the inmediate effect of any violence com-- mitted on the shall. The symptoms produced byit, are hen preary duangement or delining

a a lotale absence of the Faculties. When there is nothing the connected with conception, the only heatment requisite, is quit, abstinince, and un loading The repel of the hair. Butit too gten happens, that the brain is not only shaken, but so much injured as to produce Inflammation, Suppura tion & And asit is attenty empofici ble to Know the extent of the mis - chiefen Cases of conception of the han; it behoves us to quard against the dreadful, the prequent, consequences

get it is al logether consistent with this tate of health, that muschiefthoute be going on in the Brain. In though The symptoms of lineapion come on immediately after the accedent, Thou of Saflammation do not make their appearance before from renet to frustein days efter. It is therefore the duty of the Sugar not to allow his patient any Latitude, be fore four-- teen days on past; and if he does, he is responsible for any mischief that may usue. In illustration of This, a friend of mine met me

cidentally, and to the that a more of his, about a week since, had knocked her head against a her, and that the had been shemmed, fand sich. He wished to know my opinion of it, adding that he supposed it was of no consequence, as the had been well ever since Iuplied that it was of correquence, and that withen I ner my one elle could ans-- wer for her life, witill four teen days hardapsed from the time of the accident. The next account he re-- ceived of he, was that the hoed been taken ill on the beath noile -

with day, and thathy afterwards olis. It is therefore, impossible to be too circumspect. When Inflammation comes on how is it to be distinguisted? The fulse is not the least quick. I person la-- bouring under Influenmation of the brain shall have a quick Julia, a slow one, is a quitone. The symp. tons which are to guide us, are The affections of the head and 26. mach. He pateent at the ending eight a nine days from the new - dest, complains of headach, life

eppetete & leep, it amounts almost to a certainly that something wearing going on wether the Cranion. In this case, the quantity of blow paper through the bain is to be diministed, that is, the petient is to be bled as copions by and fuguently as he can bear . If there mean fail, what is to be done? The are to process a slet faither than in laces of lonenforce, where no speration can be necessary, but here an operation is our only chance of success. Now, is an operation to be performed

in were case of In Spination? Tit be in the middle of the brain in the " a how will entarily be of nonse. But if it is in the surface fit a hetween the his and dura mate, a between the latter and theren ninn, it will be of the greatestuse. When the pain is fixed to a parhealen shot, a a portroi of the scalp has been considerably injured, and the marks remain; and where the symptoms new so high as to Muster the life of the patient, Then can be no hesitation about

performing it, and it certainly some. times Janes Life. Having said this much of Concapion we will now proceed to consider frac-· two of the Cranein. This may be smith when it is beined fiftened, or it may be considerable in itself, and a sum be of pieces of bone may be wen detacted. It may be also alton de with depution in lacuation The bloodselfiels, which will produce Homonhage. The pacture itself does not necessarily produce compay - sion; fa if the love retains its

natural shape, The hain is no soros compressed then if there was no fracture at all. The nowfaits of an ope - ration here does not, therefore, mise from the facture, but from the deputación a extravariation of Blood with with it is altended. Much dispute has anni concerning The propriety of the Speration of. Inepanning. There are buthor, who we commend always hepanning, to fire. went, we well as set to right, mischief. on the contrary then are others, who from having seen many cases doubt

withoutit, a divise never to hepen at all. Fruth in This, is in most the subjects, will be found to lie between. The Operation is culturily not to be performed without se ceptity; and a fracture without. depression, in depression without syn ploms arising from it, forms no reason at all fait. And it is a curious fact, that the brain of one person shall not bear the smallest compression with unperwith, while that of another thell bea very considerable compression

without any symptoms at all. Them Known a petent have headach, and gite, where nothing but a small deprepar line scarcely larger than a hair was visible on the outseth of The ceaning, and where after the speration, only a small portion of the citaral lable of the Mull had been depressed. This being removed he has factly recovered. I have seen another where half a pullets egg might he laid in the depreprion, and not a bad symptom arise from it. In that The symptoms, and hot their Care.

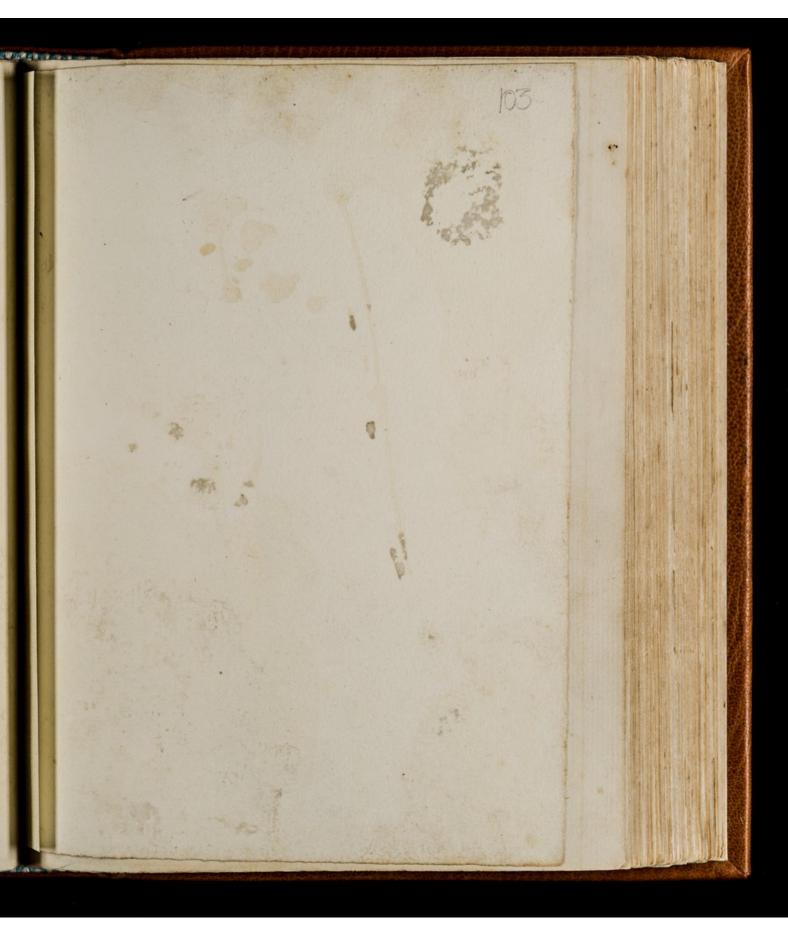
ses, are to form the criterion of the propriety of the Specation. Me will suppose a lase has occurred when the symptoms of Concerption and Confugion are considerable; how are they to be distinguished from one anothe? Those of Conception are, as was before states, wither delicion or fets; those of Compression we must commonly forma, and of the thingest of which is a want of hower in the lips to do their office, so that the patient that heather with tentor. If then symptoms are prefent,

defendation it, timpreficion is present These symptoms may be left muchly. but it is my duty to point out the shongest inthenes, Eyoris own susyment must show you the variations. Under there circumstances, it is he cepang to relieve the hair, and boving marked on what hartifike han the usury is inflicted; it is to be laid bare on that part, It is ignwerally desicted in books to make a crucial incision; lata sunth In-- cision down in the transion is quite

sufficient at first to look for thegras lune. Carteri is required in therein cision for Chane seen a Surgeon by a there boldly down to come at the Carrier unmediately, plunge his Muite through the pactice into the train. In boothing for the parting you find it crepting your incision, you are to make another in the obsorlin of it. If you find no fracture the I'me may be denaded to the extent of half an with on each wile, but not fat the; and, if in closing this,

facture is yound the whole ex-. lest of the michief must be hard. The fruit consideration has is Corelies the Brain; the second, to insure the brancism as little a possible; and it is to be recollected, that The shall is compound of two Lable, which are separated from each other by the diplie; therefore, that the Gracher of the internal table does not always conception I with thely the yound one, of this is not alten. ded to, when you have got half thro the Chealen, you may be prefring the

stand table down on the Bone. Suppose a heargular price of bone is to be removed. There are two ways of doing it; with by saving through it at the not of the Triangle, or by umowing a circular price of bone, andraining it, or taking it away. This is to be determined on by the Sugeon, who should en deavour, in laying bare the Erancism, to save if passible, sufficient of the scall to form a covering for the people read perfue to part ofit, Rheration,





I may be advantagions. he . notherment without the unter fin, whin it is to be set much over the fractured hart, a Surgeon whould, Therefore, he expection the use of the wither - on a h both wast. Many Minds of Instruments have been in use; but that appeare to my the best which does it worth the quellest. This seems best answered by a saw, clinioted by growner into three him

er and more expeditions by my other; and at the same time the space between The per hone allows the Sandred breadily to. excape . There is but one ofuction to the Instrument, and that can scarcely be called one; which is, that a person not necess tomes I This saw, got through the Alule, before he is aware of it. To remedy this, it will be form dent to with draw the saw fuquently, and examine whether any hartis lawn through, and

if so, to pulo more on all the other parts. There were ideable necity in This hart of the theralive; particularly when the part of the shall to be saven Through is of different degrees of thickness. Here, before you get through every part of the lone, it will be from dut to receive the elevator, which will frequently remove it. The other Sugeons were extremely werse to this measure method, and used the greatest contion to avoid making any splinte or

unevenness. But as the optenters will be absorbed, this method bears no proportion to the dan. ger of wounding the Dura Ma -- tu. This, though it may be fune - tured with imprimity by the point of a Lancet, yet when wound. - ed by any theat Sushument, is uniformly attended by Death. To that by wounding it with a saw, you are giving a death -- wound to your patient. What may at fuit appear incu. dith, is that the bine that

be wounded, and the Saflam mation, taking place in consequence of the wound, shall conite it, and no farther injury shall take place, his is not the - cry for I once saw a patient, who hadreeived a ball in his hain; which had been extracted, and no symptome arose from it. He was however without cause hepanned, the Dura Bater was wounded, and he died in consi. quence of it. Upon examination after death, The wound made by

the ball, was found united by adhasive In flammation. Having removed the price of bone, of a yellowish white colour, and the pulsation of the brain is seen districtly under it, There is he far-Ther insury in that part. Where it is brown, and there is no pulsa. thou visible, blow will be found under it. Whatever there be under it, whether it be matter, a blood or any thing clee, it must be before. Therweis you might as well have

done nothing at all. The Dura Male whould be puncher red with a lancel in an oblique direction; so that a Kind of value may be formed, which will bo less While to admit in, a rimain from and the point of a probe inhorance. The Inflammation, already produand, will heat the wound, so that her it is an advantage to be working whom diseased harts. The external injury former no wite. non of the Janing, which the has received. Oh the conhay,

Prosabratte swi a famille ofice. neon, where the extremel mid chief how of greatestant. Then where it was truly for in the former, the force of the blow will be exhausted on the shale. in the latter, meeting with little more swenty felt by the harbun. Thave Known a lase, when he in . Tunal mischief recurry, although Thru considerable pieces of bone were removed. And I have sun another,

ver made by a thick from a horn, at Indeed with almost enwhant Senth. It has been a question, Low far wounded bear may be removed; but it will bear this is indeed any thing fetta than internal decargement. In one instance of a wound in the pontet bone, little let then ala. · ble shireful of one of the Interior Lokes of the brain was remoon, & The very few by whetemenrising from it. To patient has a fearture, Men ded with deputison, and you are

our that symptoms must come o would it be proper to perform any operation before they do come an? In my opinion, it would not, for The patient is more unse who in-- modiately after the accident. If repelo are bluding, they will bleed mon than they otherwise would do; and greater callainmation would come on from exfrom of the parts to the roiches one instance, I took to ingret the created of beening the sufferinger the patient, by wasting the the

antion haden none off, and were then's wasquier. This are the more common carried some other which require attention. Sometimes the while thicken do much in a particular fact, as to purson the brain, has the only cane is to remove the Thickening protein. This will down him is occase after a very thight injury. Plane Known a hot climate after a Course of Mercury produce in evedent thickening of the percerancion

and that and whom removing the Some, a fluid was let out from un du it, which intente relieve to patient from the fits he had been hable to. Sometimes in operations of the perinancian, the Dura Briale stall become official also. These an operation is the only chance weigh Iremarkable instance of The Dura Balis sumpathing with the previous was a trong luis since under my care it gentleman, after wheaten courses

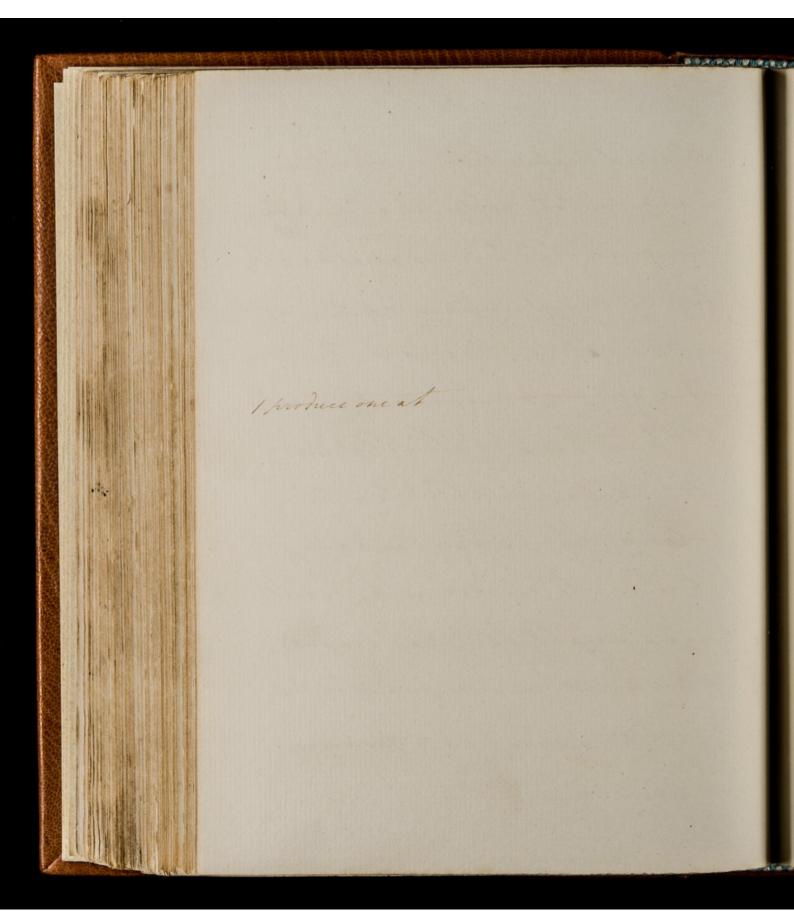
of Menery have bunk on his for. head, this medical altendante, infife - sino it Vinescal, were induced to re - sot rouse to Mercury. I frist were was therefore trid and failed, a second was not more succeptful, and a third was proposed to which he objected. At consulted me, and I lotal him that I thought the only chance of which - ving him was to but down whom He himour, which I did . The worm of healed and the symptoms vanished for the years, when they returned more violenthe then ever,

There was then an sevedent fullness and black near the rication; and Sadvised that a portion of the Cranium should be removed, which was recordingly done, in presence of Mr. Cline and J. Baillie. Upon ex posing the Dura Mater, it at peaced vascular beyond anything we had wer seen; The whole bur face being of a bright red colour. After the Pheration the symp. toms increased from a power of The Inflamed Dura Mater to the air, and Internatity an Hamontage

took place, by which he culainly lost a quant of blood. The next day however, it was again neafracy to bleed him, and the blood was very buffy. The Inflammation of the Duca Mate at length went quite If, and his health entirely returned. Cases of this Kind are much more prequent, then is generally wine -- gined, and I am convinced that many cases, which are taken for, and heated as, Cemeral, me very similar to this.

Secture the 5° Herma. V huma, a Rupture as it is common by called, withefull extent of the wind is a protuction of some of the vis. una of the Abdomen through the boun davies of that cavity, in harts which may be either naturally a accidentally weaker than the not, and consequently more likely To give way on the application of any force. They are produced in several

different ways: by ova - exertions, a accidental violence, as by a fall from a height, lefting great weights: 1 but the most common cause is a with tengh. In a fall the list una are prefled so veolently a gainet the lower parts of the Abolomen that they are unable to with-Hand the preforme, and a refture is the consequence. In lift. ing a weight, The Diaphragues Holominal muscles prefe to violent. you the viscera, and to produce to same reflect.



They happen in deed under a ve net of other wicums tances. For instance, a blow received on one part shall produce a rupture in in some other. It is impossible, that it should weaken the part to which itis epplied, Hough it may to week. en it us to produce a impliment some future period. I her a Huma take place in The superior parts of the Abdo - men, it is generally through the Deathragm, which has given way and allowed a portion of Intestine

to protrude into the Horax. The produce the usuale, with death. Ruftweer are most concer or ly met with in three relations because These parts of the name to me naturally weather in the had in their substance to all but of the Abdomer, is they a med for the papage of the - reflets J. To there the late

It when the out the through It mis of the word oblique Mustine with the wall hortion paper thousand the ten of Bato. week, when the carge quan - tity do as to organis with the how. - tum, Scrotal Aleman, Second. - by where the god regres under Confer to Recoment on to the This h, to have a mend demend Human of the much more com my by met and it Thomas Than in Men . And there by, when it happen through the

lavel, which is called Umbilier Herria. In the two first the pe. - ritorecon generally forme the Annial dee, latin the last the gut is common le la otre des alone. The Abdominal ring in the male, having given frage to the Sertick in its way to the Cotum from its original situation in the Abdomen, and he refells which supply it Istituthe con. - himing to pass through it is mortrommon of the place, when Huma happens. Is on then

come to the reise larger in the that town the remale, so the alon is the ask of the ar wint rance been produced be fue litte the passage for the Testacti the twhen is that meliand, and in bit. Ihr hand of Chance war But should in flammentes

on in the protected of testini. benestum, the descare becomes the same is use der any the willen. Mancie. 2 A Mernia having been produced, The Treatment of it is the provenice. of the Suyeon. Asition at firstlem - month small, it subdom he phens that they Surgeon is made acquain hed with the first disposition to it; as the patient wither from igmorance or modesty converts it, the it becomes to large as to excite his alaun. From excelin in fatigue

The homour increases in sign ; and though on going to bed it again de croases, yetupon the whole it gains gricend, and some omention coming alowa with it into the how tun, the symptoms become violent, before the hat lenger is consulted. The mode of heatenent must diffor according to the peculiar accumplances althousand on the case; but it will always be pro her to endeason to return it. The fruit thing to be done is to

I size. If it is not larger than a wal. - mut, Amay be 2 protocoled Mal no part of the mesentery is pro-- The ded. The Kind of Hurria is particularly dangerous; for the austiction will be proportionally guet, to the small rufs of the Fora enen through which the guthet - Iw The sympton s in there Cases are experiely urgent, when then -gulation has taken place but who This is not the case, they are commonby very easy to reduce. Where the mass is large and de.

sundento the scrotion, the his - geon may conclude that hart of The mesentery has descended with it. He must then consider whether the Hunia is a common in congenital me. The latter is less tiable to shangulations than the other Kinds of Munica; and is here stranger-- lated, but when the bonen hem descends into the see with the rut, and causes adhasions. The Construction los is less violent the in other Humias. If the gut is not shangulated, it is

immaterial whether it is in the son . tum n Abdomen. Buty prefourie is made on any part of it. The faces sund be carried through it, andre. - his must be given, or death well be the consequence. The symptoms common by met with in These Cares are sectings, reachinge ven without food, and hirenfi." I serious consideration is, That the Construction not only prevents fa--ces, but blood also, from coming to the part hangulated: this pro duces Inflammation and conse-

quent mortification. The particular synptoms in this stage, besides the others, are, great hain in the part, especially on touch, the pulse very quick and viregular, and gener ral une escrips over the whole Abdomen. Allength a peculiar coloness comes our the whole Body, Which may be easily detected by the Souch. Then the symptoms we arrived at the height, nothing should be altempted for relief; ell allempts Toreduce the Enflue will be vain. Before a Surgeon attempts

the reduction of a Herris, he should be thorough by acquainted with He Anclowed she chere of the parts concerned in it. The petient should be land on his back, with his peters rather elevated, so that the weight of the Abdomisal vision should rather affect than offere the return of the proper ded parts. The Sugarn is to endeavour to re - tun The Alexania, by placing his left hand on the ving, by way of aguide in the decetion of the re-- turn, and weth his right hand

pupit towards The winggradually. This in the first endlance in my suc end; and if air is found to hap from The shange lated gut into the Ab. -domen, is the ring cannot be felt, considerable hopes may be enter-- Land of its sucress. But if the him - mour has swelled much, and fills The aperture of the wound tensely up, it will result the efforts of the hand, andrequie something more to be done, before it can be returned to its natural vituation. The warm bath should be new this;

and it of the hopping that is hill the patient is in the bath, the contents of the wip how I hall return she of Thurselves, from the great relax. - alive produced by the warm h. If this, however, does not happen, an ablumpte hould be made to re-- duce it when the par hend yet angeni and of hours ted. Diminishing the action produced in the system by bleeding will him be needsay, and the lower partsoy the Intestinis I honto be umplyed by llysters.

Many of these heals succeed a hufs is to be explied; but if all the means used prove inifficheal, The symptoms are to determine whether any fair the delay is safe. If they are not so argent as to exclude any faither buals, Tobacco e bysters and coto may be heed. But how long atime is sa few to pelapse before the the ration is had recourse to, musten. - truly depend on the judment of the Surgeon, and the symptoms are to be his only quide. If they are those of boshwetion.

only, arising from the paperage This part of the alimentary Canal being blocked up, the symptoms of which are he ceip, and therewithout of food then taken into The stormach, internating that the harts are already full, and then are unescernfranceed by that gene. -rabustleftings and anxiety, and small quick pules which is constantly attendant in Inflammation in these lases; of, Play, the symptoms are much though obstruction, hurrying to the thera.

tous before the remedies has bun hier, and taking sygreatede - gru of unnecessary responsibility on himself, is cutainly wione in any fur. -geon. This, however, is not the usual fault; and partien lack in country practice that responsibility is toogten run away from. But on the working if Inflamen a - tron is present, The patient re-- quis comme diate relief, and ho time must be lost be fore the theration is performed. Tolaceo in strong in fusions has been

und in the form of a Myther. This in some instances will produce a very considerable obegne of relaxati. on our the whole system, and own. -comethatin. loto applications are sometimesused for the purpose of diminishingthe fullness of the harts by causing The reflects to contract. They too, we sometimes has a good effect, when the Shieten w hot so violent as to I top the acculation through the Jomes Lation, are likewis some.

lines used. These set by relaying The parts, and are some times sucres If all there attempts fail, an the ration must be had recourse to, or the patient will die. Now, Thouare some thustions, which a Surgen may never be ealled whom toperform; ofher in which there is time for consideration and prepar ration; and other again, which he way be called whom to perform And denly. And among the last class of the Cheration for Thansen-

- lato themia, it therefore believes wery Surgeon to be thorough facquain. - ted with all the varieties fit. The operation for Butomorele orders. - tel Meinia may be préformed in . two ways. Where there is grown at to be - here that the witeoline is not in . flamed, the operation for diright obstruction is her to be fur former; which consists much in on thing down whom and dividence the parts causing the sheetine, and the Intestine need not be exposed. Norule

lower can be laid stown : The Jurgeon much suider of the proper who ofit by the particular symp. · lond attendant on the Case. In these cases the ring can general. - by be felt, and the incision that be made slower whom it. The tendon should be punctured a litthe above it, and the probe paled Through it down wards, was to diwich the tendow by enthing on The probe downwards. There will be no occasion for opening into the Hernial dase. Sometimes the Tu-

. mour is turned over the ring, so That there is a difficulty in gelling atit. If so, a probe must be paked down between the ring and the finise Tumour, and a director or what is much better the proiser paper down, and the ring stileted with a scalpel. If the conshiction is formed by the ring, no faither operation is mere bary. But where there is reason to suf-- have that Inflammation has wheaty taken place where the symptoms are violent, and the than

entated Intertine small, another mode becomes requirite, as ano-- the object is in view. It is recepta--ry that the state of the Intestine should be examined, before it is a. - turned into the cavity of the Ab. -domen; and for this purpose the one is to be opened, and un doice sion made on the anterior part of it, from what you suppose to be the Abdominal ring to the bot ting the themial sao, he this part of the operation, an acting is frequently shire ded, which should

undon bledy to taken up, before un forced any faither. The one itself which is as then as a house of lambie, should be then cut down whom with the quatert cantions This prequently covered by Camina of ullular incombrane, which are to be very carefully do rided. The best method of doing his, is untroducing a probe under Then, and separating them from If the Atuma is of long Handing, the cavity within the sac will be

luge; and a fluid will be frequent by found. But if there is not the case, you should bear in mind that the out is immediately in contact with the unive surface of the me, and particular contron is required to avoid wounding it. It should not be divided with a scalfel, but The files should be social ched with the hoint of a lancet, xa probe in ho duced, following it with a diweeter, which is to be and down in. This being accomplished, a clear fluid usually rinches out; if this

happens, the vac is cutamily di vided. I hen The gut is exposed, it must be observed whether it is entaged to with bounterer, and of to the lat - ter must be pushed a dide, in a · in toer amine the state of the Intertine; and whether it can be returned without farther Church The next their is to fend out the Ineture which may easily be effection by having the finan where it with the back hartofit

toward the Intertine and if the while - time is formed by any part of the Extentine ring it may be divided upward with the hout of a Unit. The fingue is an infalable gen ile, much purposable to any director; it Letteryou exactly how for you ought togo, and in this operation it is of the greatest consequence that nothing more thould be done, than is absolutely necessary. of however this consist beeffected, Lotto Bis town should be intoon - ad in the finger, and the the

Southenes the thecher with the found far the up, for med by the week of the sac etaly, or by the hendon of the Internal bollique musele. The Galestine will often, as soon as The Sheetine is removed, which back quickly wite the lavely of the Ab. - domen, of which the Surgeon thould Le aware; às dangerous consequences wouldender from mattentin to This account tonce , if the Intestent

has become mortified. It will unitimes occur, that as won as the guter liberated, the wind contain. and in the Intestence about The Aternia shall rush down and form Though the opining withit a foot a hor more of Intestine; and on me - my attempt to returnit, The guan. the shall increase. This is our hi--all to confuse the Charator, but he should not make use of ly which touture them directly. Here for menting clothe I hould be applied to take of Sparin, and The parts

supported by the hand to prevent non Intestine from falling down; after a few minutes it man be ea sily returned. It hat recommended · by some largeons, to huncture It. Intestine with a needle or the point of a lancer, in order to let out any an which may be contained in Then it; to this however, There are very powerful objections. A of hentemes happens, that in ad - dition to the Intestine, there is a mass of bruntern, which is to heckened from Inflam mation,

is to be in capable of being returna. In this case, there is a necessity for inthing it off, in doing which, we must divide acteria, sometimes large enough to blue considerally harticularly when returned in to the warm. I bolomen. In this bleeding state it is very improper Start the burnham should be returned, althout. it has been affected, that to enclose any part ofities a ligatione is cu and death, and that Harrow Mage from the binentum neur recure. This aftertime goes los jass,

I contain by occurs but reloters; Thus it mene does, is saying men Than the length of man's by istence was rants. It has occurred wither my own recollection; Than som the refiels his separately, and have sun the whole together included in a lighture. When The binen - tun is to be ent offe it I hould be spread out, in vider to avoir cut-- ting any Intestine which may be folder up in it. It has been recommended that the thekened buntim should be allowed to re-

main where this, and stated that it will act as a conte, and prevent the return of the Intestine. But it is more hable to on flamma - how then most other parts; } when the wound inflames and suppurates, the Inflummation and Information, will extend our it, and perhaps to their - times, stomach, de Having, the for, applied the ligations, the butten should be retirened, car being taken, that the indo the ligatures be left out

Now and then, the binentum no. haves to the sac, when this is the case, it houte be separated. If the Intestine is very much Intlume, the faces rushing down from a bow, may prodice mulipeation; and this point is sometimes were sufe. · cult to determine. It has much friation has taken place, as artificial and must be formed. As Soutal Huma appeare more frequently in men, so does fermonal therma in women, both arising a like from peculiaring

of Shucture. The female pelver is naturally more capacionis than that of the male, and has a larger space between Somparto Ligament and the Subis. The Ligaments of The female pelvis also undergo changes, which do not take place in the male, as during the state of pregnancy. In femoral rupture, the Tumour is under Simparts Ligament, in The upper part of the Thigh, just ou the fermal artery; and when shangulated is altended by the

rame fyring tome, which attend the thangulated lupture. In This Huma particularly, the Jurgeon is seldom called in, tite bad ymptome ocean; as delica cy prevento the female from mentioning it, tite she is com-- pelled. to the Munia in the instance is more deapseated, and the Singeon has consequently before of his eyes, it is herefrang that the contents of the see that be always laid bace. The Shicken may be formed by

Porparts Ligament they, by the favera running under it, or by the neck of the Stunial Jac. There, or any thing else which forme the shitten, whether it is the femo. ral ligament or jascia of the Thigh, many thing must be oli. vided, or ele you may as well. do nothing at all. you may sometimes be able to return the Intertine, by dividing the smaller part of the Ligarient or by, and therefore This hast hond be frist divided. If there is,

when this is done thete an bether tion, the whole of the Ligarians must be out through. In some instance There is an ac . ten, the showion of which can. - not be avoided. But it is the same here as an alfrof legy; where are as tery hier rear a very the vein must be opened, though The he teny went a wish of being wound. - Red. It there can be of mase in harts so seafisiated as thereste finger must be used in roculain. ing what forms the thechew.

It should be placed directly over the hickure Intestine, as it is much better to cut down whom thema ductor, and there is less chance. of wounding the Ortestine; be - side, if you are near an arters, you may easily feel the pul-Sation, and en deavour to avoid wounding it. The Shecture thous be divided fibre by fibre, lite it is altogether removed, and thegut set at liberly. Some race instances have occurred where the arters has made aband

just over the surface of the New-- mintoac. Here, agains, the finger is the sunt quide; meeted by the. you cannot go wong. Inente give musely the least uneasings about The division of an artery. It shall conclines happen, that a fristshieture is divided, anda second detains the gut, so that Surgeons, being Juguently in a hung to finish the Speration) Think sometimes they have rehumed the gut into the Cavi -- to of the Abdomen, when they

out of right. This should be careful-- Garaided, and this hand carried he with the gut as far as the Shie It sometimes, Though ranty, occurs, that the patient & hall have been and of a rupture, and whom an exhardinary yethoù it shale re - turn. Here a curious circums tunes Apens; for the ob see is common. he filled with water, and a se-- cond sac projects with it. This appearance is aft to contarrate

any one not awase of such a creus - stance, it soon, however, as the ob saci punctured, and the stu-- in let out, The difficulty annish es, and the Operation is similar to any other. In most cases, if muly The Sheeture is divided, no where with be wounded, for the descent of the gut with force a way, any which is naturally In Umbelied Huma, The Jugeon is frequently called in lis late, because the real of the De-

case frequently remains unalive word, particularly in fat women. Il differ from the two last deseubed, in having no Humal se. When The quantity of Inter line and breature prohuded is small They can be nearly retrained, but when there is a large quantity probuded, and Inflammation has come on, the less is a reacy Intom one. The Apreation is notate defi-- will, but generally unducceps ful. In performing it, you thould seem

go forther than the devering sheetine. I would advise you much to attempt returning the whole. - time no this disease is almost always connected with some who. I was sent for to perform the Specation on a Jady, who was supposed to have Item believed her nia. In examining it found that it could be returned, but that it gove her most swelent pace and uninedentily propertied again. Itob her husband that in mys - pinion no possible good con la

and from my pre forming the Meration; but that if he invisted on it, I would per form it a garrist my better wedgment. It was not performed; the continued to some - ing under symptoms of oh hue loon; and it the end of their my Solispained of her life. Al to and of this lime I he was the Ber with a very vertent file, vomiting, and to my as tomish ment brought up there large Breg - Hones. In This case, as the vales times were a cour tomes

to the Municipal bad conseques hed would from it. But the There Homes being un ble to page a particular part, were The lance of all the had symptoms, sup. - posted to have arisen from the Influe. I look great cred it to myself in this instance for my mode of heatment, for whe purpetty recovered; whereas, has I operated, in all probability of should have Killed her. Many Kinds of Trafses have been envented adapted to pan- tenta wienestanes; but mos of him are very absend. Those, which best prevent the proper sion of the Interior, and Kup The richer of the ring colorest logether, we the stiel eventar

Sectione the 6th Mydrocele and Castration An with great propriety heated of here, we they are frequently much connected with the subject of the last Lecture; in hed, Androcale, affections of the Fististe, and Buftures have been frequently mistaken for each other. Hydrocele, (as the name imphis) is a bag of water, collected in the Souten. The most common situation of it is in the Tunica Vagenalis Testis; although it is sometimes net with

in the Mumatic chard, when any poster of the Carry formed by the Junia Vaginalis Communis has not been obliterated; which may proceed in some degree from natural actions. But besides these two, There is another species of The obrech, arising entirely from Desease; I mean that formed by Hydatids. Then may be found in any situation; They are sometimes connected with the Testite; sometimes in the posterior part of the Tunica Vagenilis, totally unconnected with

Mydroch is a desince much moulan monty met with in warm climates Then in well ones. His very prevalent in the West Indies, and particularly in the Island of Harbe doce. I have wen Known the progress of a Stydro. - whe arusted by removing from a warn climate into a cold sac. His very common in early Infancy, but it generally desas phias about the age of Puberty; so that I would me. ver recommend any Operation before that have . The most common cause of Hydrocele

is Herria Humaralis. But it may al so areis from an enlargement of the Tistelle, which, when it subsides, is aft To leave in the parts a disposition to secrete a fluid. Here it arises from a natural secretion of the Surfaces of the Tunica Vagenalis Textis. I think I may wenture to say that we have no ince for The droube. It does sometimes desappear of they, and if it aresis from any Irritation by removing the lause, it may be removed also; for I have Known a Thy-- drocele, arising from a Shecture in

the buthra, desappear on the remo val of the Shieture. Cold and Minulating applications have been used; and in some rawin-Hances have appeared to succeed. Since saw a Hydrocele removed by the Oleun Inceini, but in four weeks Arcturned. So that these applica tions are of no benefit at all; for if they chance to succeed, they do no Thing were than the palliative cone which is a much simple and easi. er process. Hydrocele may be distriguesher from

Hemia, by its not extending in to the Cavity of the Abdomen, and by the mode of its menase; the former com. mencing at the bottom of the Seco. tum, and increasing upwards; while The letter takes the connace course) and by the want of symptoms frequently attendent on Hernia But when My much has once taken plan and the Suyeon has not the Down. tage of Information from highahint, the two deseases way be infounded. The general shape of a Ply morele is prepramidal, with the

small portion upwards; when the wats are there a fluctuation with be distinctly felt; and a candle a lamp held behind it will be more or less visible. The coals are on the contrary very sometimes very thick, and then it may put on less theper: Frast, that of an hom-glass, large at the lop and bottom, and make in the middle; if this is not alter ded to, the upper portion may be mistaken for a rupline, and the lower only for a My devele. Secontly, it may be regular in its

from, when it is hable to be mista Hen for obsersed Testicle. On the other hand, in one Kind ofrus two namely, where a portion of gut has been long down , and is in the lower part of the Serstern, it is his uncommon thing for water to dedeend from the lavity of the Abdomen; and here the greatest Sur geone have been mistaken as to the Nature of the Disease. How are they to be distinguished from each other? There is no diessive moto. In all these Cases of Therein, when the

is water in the lower part of the Snotion, the Testile may be come at and mood, on the outside of the sec, which can never be effected in hours Hydrock. As My male, so does descured Sestiele vary in shape; for it sometimes gradually inlarges, at the same time that it changes it substance. In this Case there is prequently the same fluctuation is in thy drocele; and on this account every In your is hable to mis take in his Opinies on as to this Disease,

It has the desisse wereases, there are two modes of overcoming it, the first of which is, by simply letting outth water, and allowing it to collectagain. This is turned the Cheration for the Palliative cure, and where there is the least doubt so to the nature of the Troiave, should be always had reconcer to frist. In this bhustion much neiety is required. Two Kinds of Instruments are in use for the performing of it, namely, the Lancet, and Frocher. The latter is the carriet to the Surgeon, and has on that

account been generally prefused; but. the former is much the vaport to the Schent; and an that should always be the first object in way opera-- tion, There preferred on all occasi. one using the Lancet. Before the. Speration is performed, it init beas. certained where The water can be ment distinctly felt, which is commonly in the anterior part, and the Festick in the Posterin hart. except in an Hydated, which may be in any situation. on this purpose the Turns

be grashed sufficiently friends with the left hand, was to make that part, which contain the water, promisent, and after having eya. mined where the fluctuation is most evedent, The Lancet & hould be plunges in at that shot, like wato ipour out. I probe or director I hould be . Then introduced, to herewent the sides of the wound from collapsing. When the Operation is to be performed with a Surret, I would advise the Juggeon to have a probe a ducetor by his tide; for

The least houble in procuring them will prequently make him more his left hand, so as to separate the outies in the skin from that in the Time a Vagenelis Der his. In consequence of this, the water will be effected into the allular membrane, which is an airthward cicumstance, Though it will beat lended only with temporary in -- convenience, as it will be absorbed. Then the Frechar is used, it is to be plunged into the cavily in the same manner as in the there-

- two for the reducit cure. Instances have happened, when a pulpy Destecte has been musta - Ken for a Il descele, and a Lancet n Trocker plunged in to it, Indeed This mistake has occurred to every Jugeon of emenines in this lover. - Ly. In one instance in which the mistake happened to myself, I had the advantage in using the Lancet, for in hime the wound healed entirety, and no bad con. - sequences ensued from its But where the peration is performed

with a Trocker, Agenerally happing that some repets are wounded, and a Hamor hage comes on, which render it needsay that the Jes. - took should be unimediately re-- mound, Morning is to be taken or exertion used, after the Operation, for In-Hammation prequently comes in, if the Patient is not kept perfect. Getite, and a radical cure unin -tentimely takes place. I am ge-- nearly in the habit of relating a case, in illustration of this.

Anctouty gentleman had a by - drocele, and the spection for the pollictive live was performed on him. He went to his lower house inmidiately after the Chuation; was suized in the lovening with vio-- lent having in his lowis and Der - till; and the next morning the If tweele was so large as wer. He therefore came back to me, and to be me that the same fluid was where again in four and have by hours. Paris, Ha, it was not the same pland; but that if at was

let out in mediately, he would probably obtain a radical cure. This was accordingly done by the Junger on who had herformed the first opuntion. The Gentleman bought mea teacet full of the fluid, which was let out, and said that I might now see that my thinion was wrong, for thetit was exactly same as the other. They cutainly oled at first appear a little; but upon placing the two fluids in a from on the condle, the first waterrated to obiguists; and the last Con.

- on lated. It was serum or lagulable Lymph thrown out by the Suffer - med refeels. The can harmed out as I had her dested, for the daffarmina - tous, which had been brought on the - minated in adhasion, and thus a ladical cure waveffeeld. The radical cure is to be performed, when this wished entirely to get ind The Diese. The lest and carried more of exciting the explanation requirite for this, is by injecting into the Scratium equal parts of nd wire and water. There are how

- wer, where from andolessee in the parts, This whell fail; when this; Therefore, is suspected, some med farenaces from du should be intro-- ducid. Thereare many other modes of witing Instammation, butall of them with to faiture. Comment be laken, lest only partial adda-- serie take place. There are the more common cases and modes of heating them; but then are cases, where it is slift out to ascertain the Italine of the Durese. Commonly the Destile

is father the protection part of the My moule; but if it is in the an - liver hart, the divine is notion the Junica l'agenatio Pertis, on some Inflammation has taken place, and consignently no falliative con can be herformed, for the Suflain-- matron will produce the radical I have there is a confused feel, or any Thing only the common waynit will be fundent to lay open the Cavity, in preference to Syliction as this wife be a stronged with fewer by inflower.

Thy dated, as was before stated, some - times form this desires, and then, if the latter theration is herforms, no benefit can ause from it, for as fast as they encuare, the design returns. It hereas, if the lavely of the Junica Vagenilo Testis es laid oper, They may healt removed. When this is to be done, an in-- inim should be made to some what along the Tunia Wagi. - natio Testes, and then an apartice made in it sufficiently large to introduce the project and prevent

the orifice from collapsing, The part is then to be filled up with flow a lint. This unnecessary to say any thing about the and this desires by Caustic, the Selow, or the Sint, for the Operations are more entirely hid axide. Having said to much of the descele, we will now process Is lashation, on by tripation i of the Testete. Disian of the Testile may be hisduced by a Thousand various cause,

as that sland is capable of being relidon by any external violence, as well no by Specifies and other Diseises. When the Testite looss its natural State, it is to berean - ded merety as a common Tumous. Two causes only of Disease init will be principally healed of here. The first of there is, where the Testet threatens lance, and this may be suspected, whenever it becomes particularly hadin its substance and heavier then is usual. The very idea of Canen

is enough to alaren one, and make une willing to satismit to any the ration, of the feel of the Tisticle quiereasen to suspectate beingsein. - whom, not a mornient is to be lost in the Esterpation of it, for when The chordis contaminated, whis too late. This is not, however, by any means the most common Disease of the Testite. The second, is that it is bathle to become pulpy and very longe. In this state it may remain for years, but when it has encuesed to a con

tain sige, the thin that very frequently give way, and an ulen form, from which a frengus is thrown out. This I consider us incapable of line; and there are two reasons for performing the Offer ration here, while none can be advanced againstit. The fruit is, thatities of no use as a testile; and on that account it is at the option of the patient to have it, in with The second is, that it wish to to be. denand violent Hamon house, which may compell the Jurgen

to apreste at the moment. In alcerated Testicle, its intunal Shueture ofter a time becomes exposed. If the Testick is Scrophelow, the Operation should be performed, before the Desire has extended into the Follower. But here dis-- case of the Spectratic Char forms no objection to the Operation, in which aspectitis quite the lowhavy of lance. When the Desthete is survended by water, the pressure and tension

being taken away, it will sometime reconditions. If therefore, any flue tastion is visible, Ishout be induced at any rate to remove that their which consist, and in one enclance I found the good effects resulting from this practice. A Gentleman had what was believed to be a designed Terhete. Mucuny had been heid without any benefit being decide from it, and his du years had determined on there-- moved of it. Iwas consulted, and refused to give my opinion as to the

nature of the Dinan, tite I had let out some fluid, which I thought Thereined on the anterior party the Tumow. I made a punctur through that part with a Lancet, and to my astonishment the whole tuened out to be a Hiprocele, with the costs of the Junioa Vageralio Jester exhausely thekenw, except tat Het have tecular shot. I toto him to go to bed, but to thought them could be no haven in going there down off to give a pretty woman of his acquaintance an Operatiothet,

which he had primited her, in person, In flammation came on, and a la Dicaleure was the Consequence. How is the Operation of laskation to be pufamed & of her been recon-- mended to cut devou on the Chad and hats a Ligation roundit, be for The Testicle is laid have, and the reason given for it is, that the ha. - hint does not ful the remainder of the Specation. But the Ope rators fruit consideration is to be, which more will lead him the 0 less rest; and as cases have been

Recover of the Chard being his, and after enthing into the devotion a Ruptime being found, thatier. cumstance from sufficient reason In luging this Efficietion aside. An incision whould be made from the Chow to the lower part of the Scrotum, the Fishete should be offseeled out, and detached all roused, and the Operator should then observe where the Phond is desiased, where natical. In one case Ifound some water in hast of the Chord which That out, and proceeded with the

Speration. As loon, Therefore, as the Testet is disingaged, the Phind should be examined, and the shart fixedow, at which it is to be tied. The Proving formed of two parts; the Spectratic artery and thereture ming weens forming one pat, and the was deperent the other. It has been recommended to take up the letters a love; but the a try a livays charte do much, that The Ligature w hable toly off. In desian, there particules become to Thechena, That ouchi-

gature will be frequently foreme insufficient completely to deaden Then, which is indishersable near say, I always use a double Ligation; which is passed the las Deferens, & the remainder of the Chord, and the former enclosed in one party it, the letter in the other, There, if property applied, will generally separate the parts in eight in mine days, The Symptome after the Operation vary much; hetion hulky und less. . phalow Testet they are very hipling. The sweet symptome

occur from the Lightures not being sufficiently hight. In enthing in the the Scrotien, of the This is perfectly sound, one incision is enough; but if the skin ad haves to the Testicle, a there is the least nisk of contamination, every hart, having the appearance of Diesa, must be removed. In burging the edge of the wound together, it will some times be proper to use withersome planster sometimes dutures, w.compressis. It has the Chows is light, before the

Testick is laid base, two ile course quences wealt to avise from it. Fruit, the acting is not sufficiently compressed, and there is the great. est difficulty in stopping the Hamorhage, Secondly, the mass included in the Ligature is not pequeaty entirely diadeard; and the reflets in the centre Kupingup a communication with the exheral parts granulations are James which welow the Ligature, and prevent its coming away. While arrenic and In Chhur with cause

there granulations to slough off, and then the Ligation may be re-- invoid, but by this, the inne is much prohacted. A the Spennatio Chadis compo swoof such different harts, the Li-- gature should be made with great accuracy, and drawn very light. When the Chow is at all huming I would go a steel faither, and after having divided the Ehand suffered the fluid louscape, again lightenit.

Peclive the " Popleheal Anuviero. An Ancusin is a prateinstural. dilatation of the water of an Ar-- My in consequence of disease. It is confined to a small hart of the of the Artery, and takes place on that side which is investey. - posed to The current of Blood. Tile lately, Ancuisin has been considered to proceed from nothing more than south weather nest of the coals of an Artery;

and Haller made many experiments on living animals to prove this, a hick wained sufficient creditat the time. But I have repeated there with very different results, having found that simple weathness of The coals of an Artery will not produce Ancesion; and Withen - ta, from many of ferements, which he made, fully ascatained that it proceed altogether from Discare. Among the nest he laid bace the femoral acteup of a Dag, and removed the outer coat.

the Degreeovered, and no have of Anewisin were visible. It was conceived, that if the sup. port of the surrous. Ding parts was taken away from an artery, an Aneurism would be the con sequence. But whom laying have The femous askey of a Dog, no dilatation took place, and the wound healed by the firstenten tern. The healing of the wound by the fruit intention was of sected to in this by periment; on which account, the same

Operation was performed on another Dog, and the wound dreface down to the bottom, no dilatation took place here either. In both There instances, when the teleny was injected, The diminsions were The same as thow of the same Actery in a natural state. In examining the internal cost of An actory, in which Anewresinal acting has been formed, it is found more opaque than is natural, and sometimes ofsification has taken place. It may

therefore with reason be inferred, that Ancuesin is produced by a diseased relteration in the coats of an acting giving them a despo - sition to from tone, similar to what is produced by old ago for which reason we find it much more common in elderly than in young packle. Ascensin is most common when the infuele of the heart is great est: consequently it is most fuquenty met with in the arch of the Anta, the peculiar shipe

of which repet is hecutaity favo rable to the formation of it. Next to the facts, the Robbits. al acting is most subject to this observe, because, when the Knee is bentities placed under the same circumstances, the lower hart fit forming a right as I he with the upper, and af for ding the same inipediment to the circulation of the blow Through it. In other parts of the body it is more race. This species of Anewerson is his

common is postloyer hackney coachiner, and thou whose kome an very much in the bent ho This being observed, it was natu rat to suppose that the acting was thetched in the same man. ne as the bladde is dilated, when a quantity of wine is infelled into it and cannot find an outlet At wing said is much of the Natur of this decience, Ithate now have it through its pre

grep, and mention what would be its huminations, were nothing to be done for the cure of it. The moment an arting a lang particular shot has admitted of delatation beyond its natural sign, the impeters of the blood has ting through it, gradually in -- creases it, not in a right angle withits course, butin a olia gonal line, extending partly on loands, and partly in the direct two of its course. In soon a the sac is once formed, some of the blood, which would otherwise have been propelled through the artery, is thrown into it, sticks to its side, and congulates in layers, which of fur in density and colour, It layers nearest The diseased coals being thickert and darkert, and the where propertionally so. This wagulation increasing, prefses on the surrounding parts, and generally does this in a denotion for finding its way to the surface of the body. I no remiely is applied, the he

more former by the Aneurism increases in size, the natural sur. rounding parts are absorbed to make way for it, which is a ve ry cursons fact. The skin being prefied on by it, ulceration and stoughting me produced, and whom the separation of the stougho, the blood escapes ex-- tunally, and the patient inmediately dies. All this takes place, where The disease is to setwented, that no operation can be performed

for the relief of the patient. I once saw a case, where the rites Themselves were absorbed to make was for an Anunism of the A orta. This is the natural progressiand termination of the disease; but. There is a very curious mode by which nature sometimes effects a cure, the parts recovering Themselves, when the observe has arrived at the last extently. This is more common in Anew nim of the fermenal acting then

came effect in good be produced by pressure on the diseased acting was to present the circulation of the stood through it. This may appear very plansible in theory but in practice it will not be found to unswer, as it is employed sible to make my obegree of Justicua on the arting without compulsing the name at the same time, and this would be productive of pain soeven ca ling, as to be wholly inisufportable. Though I have Marowa

one or two patients, who have her able to enduce it for a que to of an how, yet they have preferred even death stuff, to the pain which the continuation of this presture produce. In instrument has been invented for the four - how of compressing the artery alone, which is nothing more than a host going wiend the high, and a serew pressing on one particular part to placed as to compute a price of could, at to the size of the Turning,

of any other. When the Fumous has approached very new to the Min, and the coagulated blood havey tender itself into the cel belan mem brane and musely, no pulsation shall any longer be felt there, the blood whale become hard and coaquilated through the whole course of the reflect leading to the Anuris med sae, and the parts shall intily recover them stoes. In one or two cases of this Kind, where I have expected death em-

my how, the patients have recovered in this way: it is there for right to been this natur ral made of cure in mind. But if the setuation of the disease be such, that it will admit of an Theration being performed with safety, we are not to place any defendancian to precarious a chance for the cure. Asan Anewein has been done times cured by all hoseins of the sides of an acting, I had been sug gested by some durgeons, that the

and laid once it. But it appear to me simple to the to comparsone effectually, without comparises the other at the same time and Therefore think the Instrument of little a house. The only sure remedy therefore is to obliterate the Acting above the sace The Apenation, which was performed in note to effect This oblication in the Tophild try, was to est down with the. one, devotout its contents, and place a heature above and below it fint

as you would on a wounded acting. This however was beloom succeptively as the acting was commonly ofis eased in its thucker Is near the sacas where the ligatures were tici to thet when suppersation came on, and they were taken a way, The side of the artery had not united and the patientin. Nanty olied from the Ha morrhage. This method has indeed some lines, though randy, been suc up ful, but it generally fail; and

I have endeavoured to explain the course of its failure. I therefore think it very impresent to wherate so near the real of the Disease. Instruces have not been wanting of an operation being performed in Jemoral ancien. In a case of this Kind which was under my care at f. Georges Hospital, sufficient space was left between the Tumour and Somparts Ligament for the Theretion; but I was lead to believe that the acting was dis

case above the see, and I there for declined performing so hergudous a the. In this in anon preforme was tried, after which the habient lift the Hochelal and fell a sacrefice to the Disease. I Jungeon of considerable eminence in this Lower has the rate for this design in them different instances, the two fruit of which failed, but the last succeeded. This I think In ficient to warrant the O-

- paration, the chance in favour efit beingone to two though is should always explain to the he heat the hazard altending it, and that it was the interior eing hance for his Sife. M. Thenter formerly performed the Chestern In L'applitude of curism recording to the observer, but having but four or fine he hente successively, he declined performing it any more. When far the mostigation of there la we he found thatable of them

the arties had lost its natural Sheetiere; which lead him to propose taking it ahat a distance from the Ancument sac. the therefore performed the her -dent Phecation at the Georges the pital, papering the different li gatures round the Action, where by he thought to life the chance of Hamoutage. This me ca ded. To soon as the arting was tied, the Selematons swilling of the Leg graduelly to beided, and in time. The parts interest recovered Friendley,

but the Lightener were a long time. in coming have. With a view to the improvement of this muste, the next time he had aceasion to perform it, he hut only los digatures on the teleg, and cheful the would in such a man - me as to admit of the Ligatures being takes away. This case tuen wont work than before, for a supportion and ulceration of. the Suteries . Musch come on & and the habeent died. From observing their, he was indu-

. we to hy a more simple method, namely by applying only me he gature to the Attry; and one; I believe, is as good as twen by. The therefore applied a smitheli -gatien round the acting bringing the ends ent from the word, and heating the remainder of it, by the post intention. The lasty, in which the Ligations were contained, acted as a syphon to convey ent any sutto which might be former, and after the Ligature come away, was healed as a common puncts

Finding that this practice sice. ceded to well, he continued it; well and since his Death the most imment Junger have followed it. If the artery, where the Liga-- ture is appled, is in a state of dis. - case, there is no chance of the patients recovery; but if not, it is almost always ments fal. It has been afterted, thatif the acting he divided and allowed to what, a great deal might begained; but I believe this affection to



de divided un formaled. I will now explain the Operation, by haforning it on the dead subject. For this purpose, females are much work than maly, as they have commonly sine fat about the Thists. In perfeccing the peration, the umust be governed entirety by his Anatomical Knowledge. You are to bear in moind that the Artery his directly under the middle of the Sartoning Muscle. The diver-

- tion, Therefore, of the Muscle being discovered, in the first in - cision which is to be made this the skin and cellular membrane) its files are to be cut down on about the middle of the Thigh. you will recollect, that in the living body the beath of this musch is hearly twice as great as in the dear Subject. This done, the " Liting may be found between the Intorino and the Rectus Euris; but This is not The but method, as a quantity of

ellular membrane much be car Through to get at it. Theres, if it is sought for between the ha tours and Trucks, Awile to found at the bottom of a naturral space, and there is no chance of cutting thanks any hanches. Thave seen a Surgeon, who has indeavoured to cut down in the where above the Sactories, obliged to go to the other wie betweenit and the Tricets, which aricumstance of with be people for you to be acquainted with.

The patient whom to be place in Jack a position, as to have his Knee a little bent, and his heat turned in towards the call of his other Les. The furtinein tion should be made rather near in the edge of the In love sent to the Trucipe than that ment the Richer Curis. The lower eggs of the although the. ingraised, when you have divided between it and the Tricks the fitney will be immediately found by its pulsation. If in districting

Come to the arting there & hout be Humarchene from any retal Ashould be seemed, that you may see more clearly to finish the life. retion. After obserting away the harts as really as proporte, then to - dies, resembling things will be broughtents view, which are the ratery, Cin, and Verne. The Herne ties whom the section, which is in - The on the interde if and before the sein. I little of them while is to be law bare no possible, and

care must be taken not to worm The titing and News, and Cein. The next their to be done is to hel something under the Acting; for which perfect the mudle answers much the best, The house should Therefore be raised, and at the same time the need to pasked between the letter and bein, beginning at the side of the Thigh next the Truits. When the Ligation has been passed under the Artery, it should be raised, to stop the liveration;

and if it is where it I hould be the pulsation in the Animismal Sac will cease; if it does not you are sure that you are wrong. Having got thus far in the aperation, the unacringhant is very simple. The Ligature is to be hier very light, in it will not sufficiently promote to Supposetion and Division of The Artery, and come away soon enough. If this happens, the Granulations ousing withen. tengh the Ligatures and rendar.

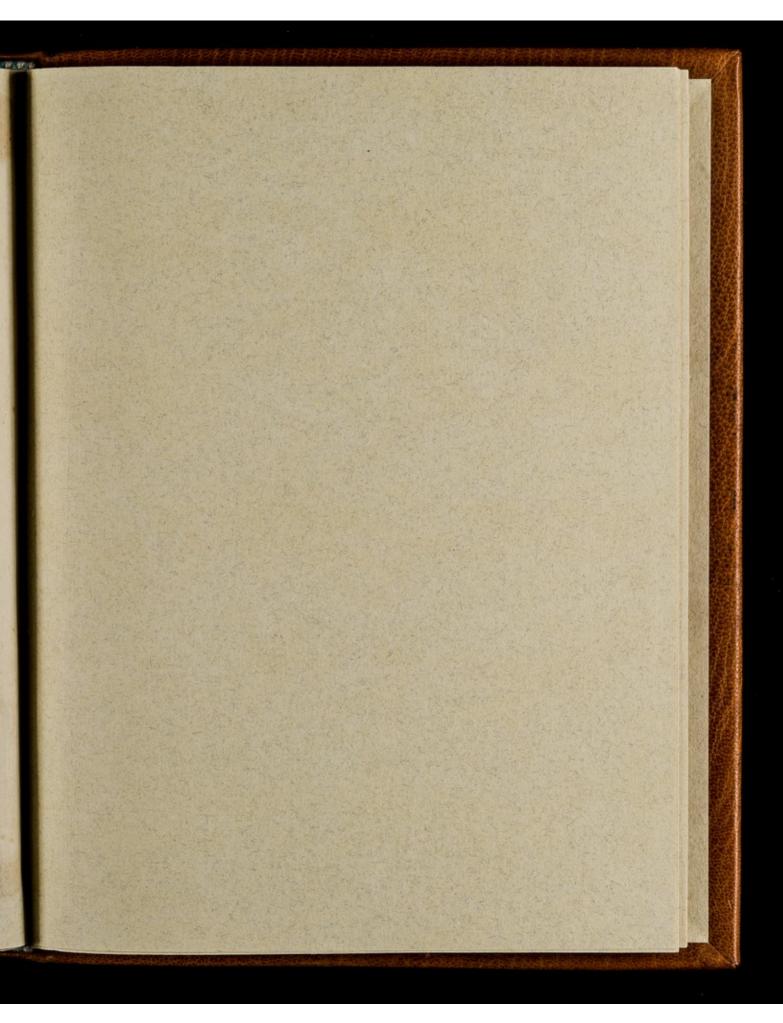
it difficult to be houghtann Aall. The ends of the Rigation should be left hanging ont of The would, and its sides brought together be ships of adhasine plaister, healing them as much as possible by the pritentine Nottempt should be made to remove the Ligatione, lite after the Sent Day. But from that time Iwould advise that itshoul be halled a little energy day, gradually encurring the force, and

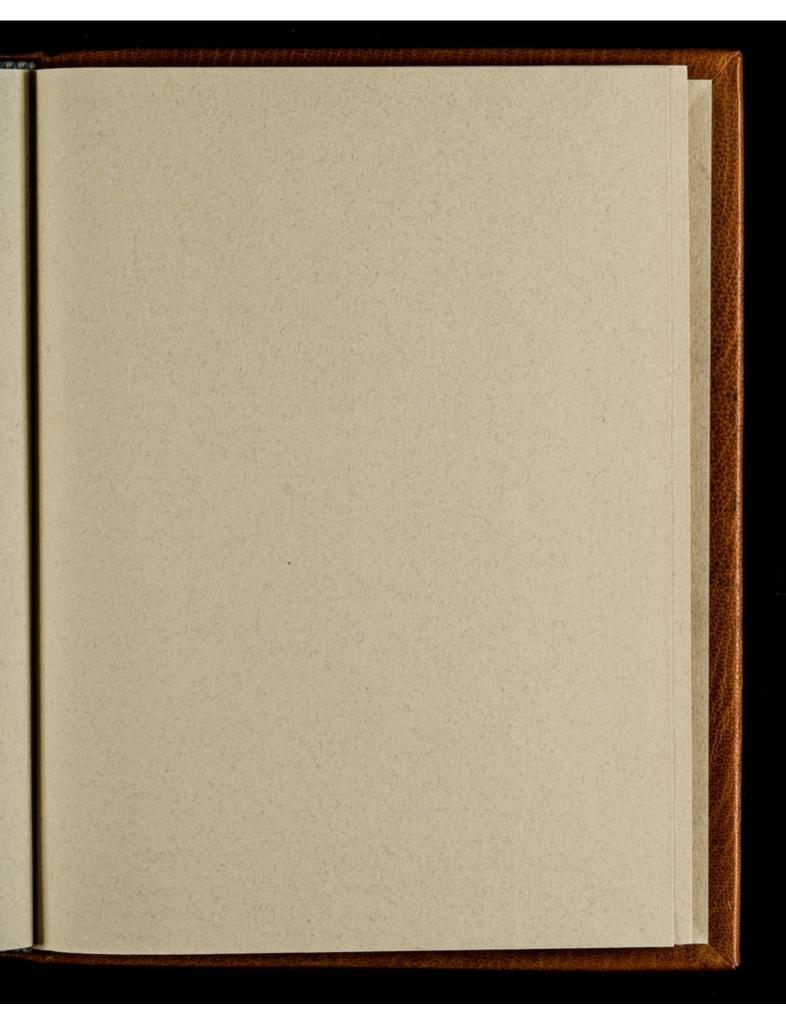
never allowing it to remain lon. - yeu thou the fourteenth or Tifteethe Day. Ifit be not removed by this time, Among be productive of tad lorsequen-- ew, as it is a large budy, and would be a continual source of Invitation; at cipes would form, the acting perhaps would tappe rate; and win at so late a peria a fatal Bamon huge might be producid. Twas not long since called in to by a Surgeon, who had suffered

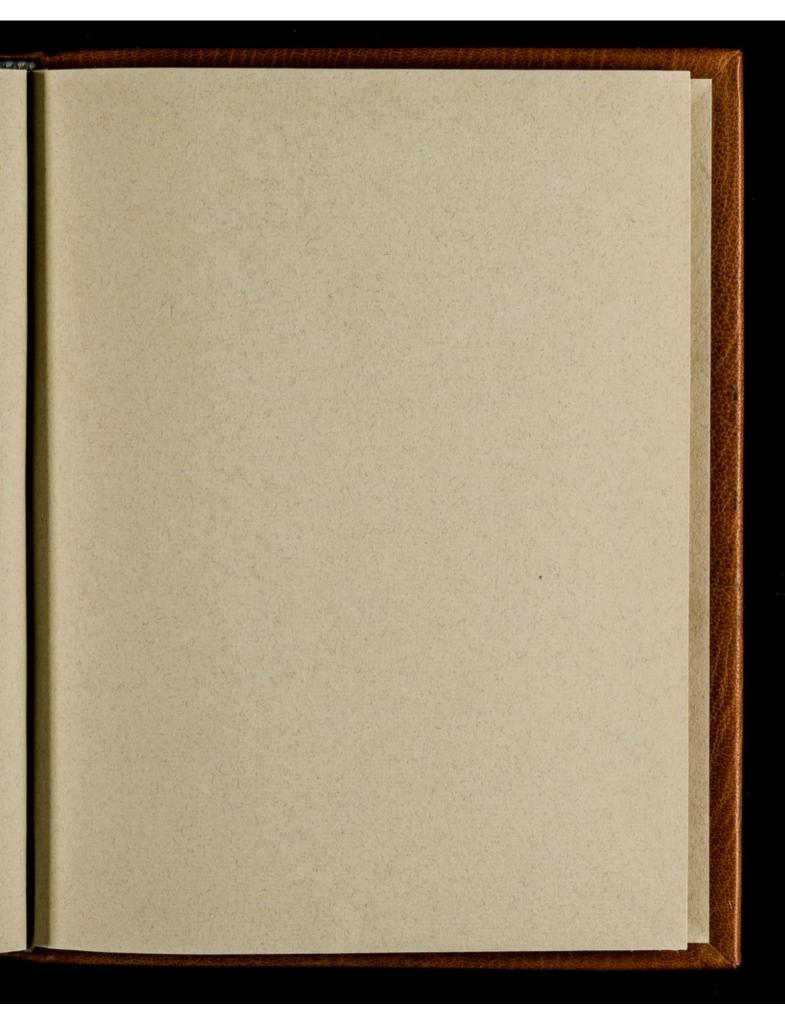
the Ligation of the This there - how to remain in six Months. Faster him of he had his charge light, and, being answared in the affirme two, I desired him to hall at it, lite it came away, which he die; and after considerable forme had been used in desentangling it from the Grane lations, succeed. sed in his attempts. Much her bear said as to the mode in which the Liger to be mounished after the Chara two; but that Question has been

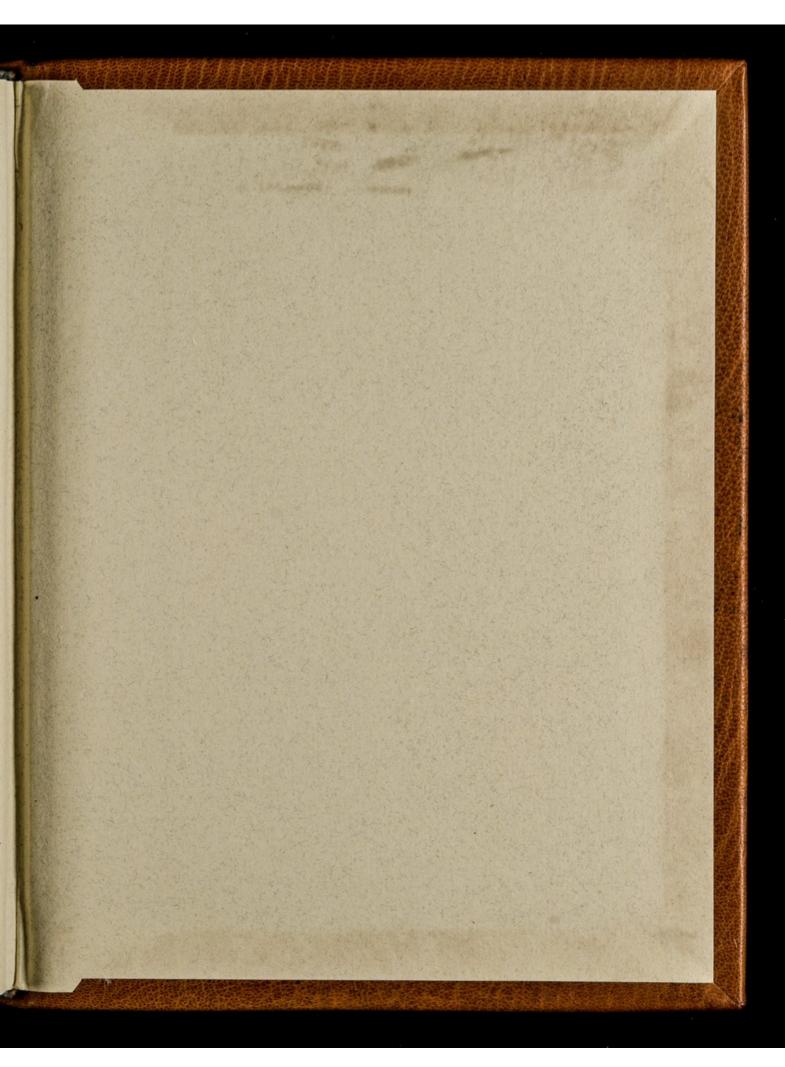
long since decided by by herica. The human never intenty goes a. way, but decreases in sign to much as not to cause any enconvenione. It will be purdent to place a love Obice no guet in the groin, in case the Acting hout be acdentally oliveded, or wounded. For this mude of Chusting for Pepteted vacuring we are (as There before stated) indebted to Milohn Sheate, Ster hafund without much from to the petient, and we the every when

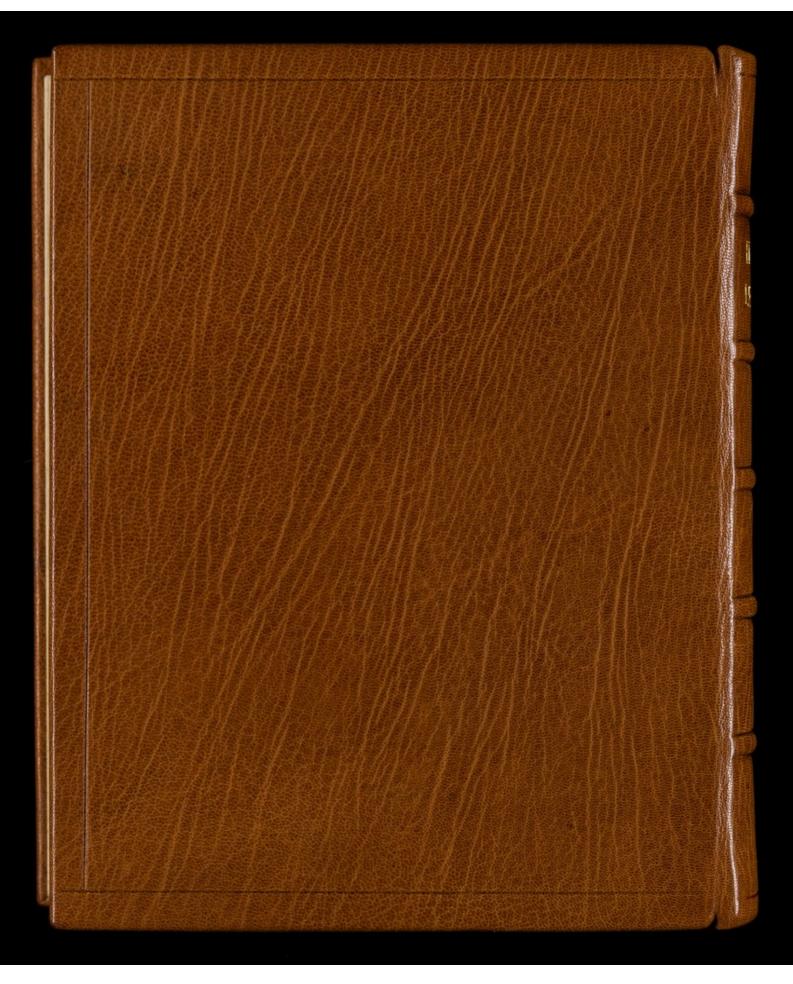
Finis













(C)

