Yale University

EliScholar – A Digital Platform for Scholarly Publishing at Yale

Yale Medicine Thesis Digital Library

School of Medicine

1-1-1854

Dissertation on induction of premature labor

Henry Pierpont Yale University.

Follow this and additional works at: https://elischolar.library.yale.edu/ymtdl

Part of the Medicine and Health Sciences Commons

Recommended Citation

Pierpont, Henry, "Dissertation on induction of premature labor" (1854). *Yale Medicine Thesis Digital Library*. 3756. https://elischolar.library.yale.edu/ymtdl/3756

This Open Access Thesis is brought to you for free and open access by the School of Medicine at EliScholar – A Digital Platform for Scholarly Publishing at Yale. It has been accepted for inclusion in Yale Medicine Thesis Digital Library by an authorized administrator of EliScholar – A Digital Platform for Scholarly Publishing at Yale. For more information, please contact elischolar@yale.edu.



Digitized by the Internet Archive in 2017 with funding from Arcadia Fund

https://archive.org/details/thesesformd1842100yale_10





Lifsulations

read by the

Candidates for the Legre of Codor in Medicine,

in the

Mudical Institution & yale College,

at the

Annual Examination,

Jonuary 25 26,

18054.



VIII.

Differtation

O la

Induction of premature Cabor.

Herny Picepout og Litchfielie.



Induction of Inmation Sabor,

treating of this subject, which is A more or les practual poportance, to every frac-Utioner, and particulary to those who compine Mindelow especie by to orstetrical placie, I have under to hear; First of the provide, o bringing avour primature labori in officing the object Thirdy the difficulty First the propriety or morality of beiging about pur ature lavor The caster For any in and we can use for the plateroa. lion of the lives of the children without adding to the danger of the mother are must certainly consider proper, and right to be carried into practice by long obstitución. If in any case the peters of a arman is to mucho deformule, or to small as to

under it impossible for the passage of the heads of a full grown fetred, and yet not to far reduced in its dimensions as to privent the heads of a chiles of much left lye from faking through it: then might the operation be performed with the hope of caring the chill, ellieving the mother from much subjering and distress, and perhaps even saving her De Gennan States Mis, uteres vine petris and to much deformedo, wenally have a wonderful aplitude to concine. Mill in the course of this practice in several instances he his the called to the same ne man in fir or dig & co shi tatent makely to give inaction 1 a. operation by which the Midden Min to be destroyed. the and Mala that a prest immber of the dires have occured l His Melevation, & house & formail,

the i can a postable of theme I amy i for the a loving child or the to ration Co none in this, when have been be sed 17the twing children, by act the coming a the when they were a fin the a brance to the pley was . We are in the to the a large as " about seventeen fifly die, then was a constation of the worth and car fine. tiliness in London a. Mar lan, met in consideration of the enality, apely, any the adminitaged to be apreted fin this practice. . Tom which containta line it appeared the the fraction with with the consulapprobation. The first account of artificial method of buing on premative labor was performed by Or Maccanter, and le malet puccittuily. . C. Killy also informat no that the had performed the con ong clovera laduined, one in which he promised

it the times upon the same in an and lince the child was to alive. Shin in he douch la as to the morality of the practice. A 1 + raps " might here state that the circumstances which may under the opevalion necessary have not been Matrie with a sufficient dequi de pucision. Sout a la la man de p, it i a and dante principle: this of inaking an attempt to preserve the life d'a could which much the winds the last, and nothing being done injurious l the mother in the operation, but on M contrang a flavility of lettering H Suffering. It would de l'é this le a unit name prospect of incust in any could be knowealt against in which in not apply with light free aquind addicine in que al. Le Cimma , Ma 5 Ma. Ha ', carefulty

attended to all the circumstances which have occur y when it had been preparently the more this levelve cours, in which he had appealed or is that them by the aller, he has not Ruisi one untowark & nagardond occident the could be unpertike to M; and in a qual number of cases the children have been born alive. also this the operation had been performed incompully by thed suce his fist proposai. With this Statements of its safely, in cases in which it i deman deck, we should have leason to expect that the operation man be performede, with The hope of crices, and cafely to the pisco as unon: it i performate. And in proper hands a surgical, in and of procuing great benefit, to a sufering care. But should abortion or puma tru labor be induced, to screen one from this past reprached of the world, or to take the viden of the gratification of criminal passins,

then is munder committed. And pustly does the practitioner, who open rated under those circumstanced, place his one freedom white the hands of others who may live Maitor; and by its means deprive him of the liberty of performing it again : to also does his character ever afterwards suffer the centuro of the community. But an object under the carcomstances now treated of is to care life. Much as probably too beings may at the same fine be preserved to society by the means' professed, the profession and musition as to the morelity when imperious necessity dimands et. Acondly when necessary. From what had been already States ma he seen that the operation is confined on this certaino limito. Methin these limits may the inders calls of extreme nandea from which the life of the patient & placedo

in unment danger? The patient invariably '7 bearing very large children : cuses of great reterind hemonhage, before the completion of the term of uter gestation: deformily of the perois, and other accidenta - criennetanes. In deformily of the felois: if the cavity, though uducedo its dimentions, be of such a size as to permit the heads of a full grown childe, to be supressed through it, by the force of Mong and long continued pains, the operation is not requirede, and Monide harden be Monghi Also if the pelois be to far uncede, as not to allow this heads of a falus of Jack Sige a. Than hopes might be intertained 1-10 living, then the operation common be attended with success: though even the the the ther may be sand from much suffering. It is in those cases in which the peri I uducedo la ils dimentione. Le that the felal heads at put sige cannot por: and in which it is not so far reduced,

but what it may pay of sufficient size a In allow hopes of its time, that the operation "I to the propried, or paymed with wice . It " therefore a question of quest meeter; which degue of contraction bounder morent In a advising the operation: unless deformity exist to an extreme degree the operation is barely worthy of consideration, in first pregnancy. As no one would robinarily be justified in to derive an operation, without having first thoroughly ascertained the dimenstrond by personai examination, and that under the most favorable circumstined. And it would be hardly advisable for a young practitioner under almost any cumptanced whatever, to undertake i without having first callede council, c.c. 1. and profilest sanctioned by Hear cari. It has been laids down be worth writed as a principle that a child a puil time may pay through a pelvit a taxing in its conjugate diameter at its this the in

We may thereford hope if the pelvis exceed that ; drameter, and is well formede, that the feind may be tom alive nationaly: except in some extraordinary cases as above stated. When the fatient has invariably born very large children, on account of which it has been undered necessary to destroy the child for the safety of the mother. On Ramsbotham remarks that if the conjugate diameter measures à little left than their inches, we may allow the foregnancy to advance to the ends of the eighth months: if about two and three fourths inches, to soon months and a half : if ave to irene and a half it must not proceed beyond The seventho: Inde if the space be left than two and a half inches it would be undage to delay our meand beyond the deventhe monthe: and he should be incined to I duce bator low former, as children of an earlier periods have been saved. Other instances which may render the operation

necessary, acide from deformity, and incommonly. large children and these. If it had occurred to the same woman in a mumber of successive pregnancies, to be asian of the deaths of her infant at a particular period towards the case of gistation; and the cause of The deaths of the childs is to be attrabuted to any uncontrollable cause referable to the mother, as deficiency of mutrition, the operation should be brought into consideration. Also in other States of disease in which the life of the mother is placed in eminent dan ger, and then is reason to suppose the danger would be aggivated, by the continuance of her pronancy, we may be warnted in having icome to the operations. Hamilton informed in that he has resorted to it torice, with the view of preserving the mother, in one of which cases droppen induced him, and the other, deadly exhaust ino and depresseds octal powerd. Also in utrovertion of the reterns.

Thirdly the difficulties in affecting the object. The difficulties to be continded with a certainty greak, in this proposed pan of crowing the childs life. First the hability of deception. requiring the first of pregnance a which the opration i to be performede. Nomen are hable to be deceived in then recting: they may thanks the periods of gestation is farther advancedo, than is really the case. Cust in this way we may be inducedo by mineprepentations to being on labor before the fetas is perfected in a sufficient dequi as to enable it to be suitaineds inderpendent of the mother. To on the contrary the may have become prequarie before the word aman of it: and this we may delay the operation until it is toy late: the child having obtained sufficient size, and Ir Armaly obsigied as to render it unpossable to part throng is the particular perits, which the coman man

fossels. Thud our designs being themarted, and we attack compelled to rearry to the operation of cramiotomy. The prepine upon the funit, the membrand being uptoried man dectroy the wistance of the feture. Frandelocypi and others advance this as an objection to the los early inpluring of the membrand, low in natural, babor while it is in proquet. Or to the excercity of the waters in obviating presend, while the membranes. are whole, then can be no doubt; however great the presence may be. But as for as the waters are concerted, the parieties of the returned come in close contact with the body of the childs: it is therefore uson able to inplase the unbilicant fund might suffer sufficient amount of comprepion to destroy the life of the child. Ando may be considered as one of the most grave circumstances in apposition to the succep of the operation.

Mully. It is stated by Ramsbotham, Merriman 3 and others. that an unnatural presentation is of more frequent ocennence when expelled before the ends of gestation, than after the time & fully completed. That at a farticular period of pregnancy the feture a different position from which it seldom after varied. At what time this periods if they do not say, though it differs in different cases. Muy also remarks that the fact is underiv able and state a number of cases, of which upite a proportion of them presented preter naturally to prove the affection. Though with my limited knowledge of the action of the parts, the adertion does not appear hardly in accordance with the rationality of the action. As the reterned expanded with the growth of the child, and as I suppose in the same proportion at one periods of gesta tion as another:

Conseignently if the fetus is able to turn at 14 ond time, why not at another; or atteast why not at any periodo after time. To on the contrary of not able at one portion of the periods of gestation, what grounds can there be for the Inposition, that it can at another. Do Barlows experence, to which Ramstothan gives his affent, may in a maine explain why to great a proportion present unnaturally in cased, which labor has been induced. He (Dr Balow), remarks, and others coincide with his observations; that he is induced to believe preternational predentations are more perpendly met with in deformity of the pelvis, than when the organ is well formedo: now this should have an influence on the fostion of the fetus. is difficult to explain. If this is the case it accounts for the quak proportion of preternatural presentations in The cases reported by Or Ram botham.

And conflicts with his opinion of the fetal changing its position at a certain period of pregnancy. In unatural presentations, as of the breech or shoulder, wi Should have but little hope of saving the childs, in consequence of the deformity to warrant usome to the operation: for aside from the ordinary danger, the prefime on the umbilient funit much be queater, when the heads is passing the deformed Strait. Though this difficulties would deter us from making a hadly prognosis in favor of an operation, they Mouldo by no meand induce us to abandon the benefils to be derived from it. Township and lasty the meand adopted. Then had been several methods acommoders and adopted for exciting nterie contractions by different fractitimits. Some proving efficient in one case, and not in others, and others of greter cutanty.

Fish. abdominal frictions, manipulations 16 with the wain bath ye. But these have very early Increased: Though proper if then it the Mightat hope of Incers: a the patient is not undered the mon unfit for any of the backseyment operations by its trial: and the more simple the operation if Incoefful this better. Secondly. The reparation of the membrains for two or this inches arounds the as-ateri. This having proved succeptul, is prefer ele by many, it's being the meanest unitation to natural labor: Or Hamilton remarks that he is convincedo from the experience of the last ten years, if then is a sufficient portion of the decidua deparateix from the cervix reteri, then it is occase i for the operation of functuring the monthand. On Conquest States that he considered it as effectual as the other mollis,

and mucho Sofer for the infant, as saving it from preprice during the paint. Fuitinghanson and Klinge have proposed. and practiced with great suces the dilatation of the of interi by meand of a frece of Sponge flaced within it. and maintained then by a plug in The ragina. This acting as a fermanent, regular, and progregave writation to the farts, can early fait to mance fucho and excitement as to bring about aterine action of sufficient energy to accomplish the object descrede. But even should this last two means fail this still remains com for the following operations. That of functuring the membrais and from its great certainty it had been prefered by a majority of the profession. Though Velpean from his experience, does not consider this as certain " the dilatation with the sponge, as proposed by Mr. Kinge.

I suptaining the menter the forces of questation is certainly interrupted, and that of labor comes on sooner or later . The time that clapsed between the aperation and labor is exceedingly various. I metimed commencing is the course of a few hourd, again not wanted the lafe. of two or the days and even a week. Refore operating it is necessary the we Mould forked an acurate knowledge of the anatomy both of the over and the maternal Structured. And quar can much be observed not to wound the mother, or the chile: and should then be aquantity of water between the membrand, and the ammion remained butice, gestation might and probably would proceed miterifited, consequently to much can cannot be observed on these founds by the aperator. of egot.

This noticle of materia Medica is now your erally believed to have the forver of originating uterine contraction, when impregnated: Though deviedo it by some, and he other that it acts only inducety on the i viscon Through the genica disturbance it occasions: nang no power over the litered both the impregnated and the unimpregnated States, except through the brokence done to the mother. Pirtably this is no country in which It has been administered mon largen, thian this, and by practitioners of the quatest emmened. From This results, of cales, we seem compelleds to admit, that light is forsered of expulsive perperties, by which it acto on the particul attend, and presended the belief that the agencies are produced indirely by violence done to the consti-tution of the mother. Still it is deemedo by many that it

is not capable of producing any effect upon The impregnated or unimpregnated utend, geept when partition has commenced. That it does no the minisprequated I am not prepared to say. But that it does on the impreguated, Think the majority of the testimony is in its favor. It was affirmed a few years since that in The neighborhood of Jood Goix, in France, then not during the season of eighteen forly one, an epigootic abortion among the coust, which produced much consternation arrong the farmers; and that, Mo Andin, ductor of the School of aquicut tun had descovered that the grand of ye, and many ther of the quammead contained quite a considerable quantity of ergot. Ou Sommerville and M' Farlance have related cases in which the effects of the ergot was to force down a polyput is that a ligative covied be applied. Do I Ramstottian consider light

as capable of inciting specific former on The uternal at periods of utero-gestation: and had refered to several cases of frematun labor, manced in his own practice by els use. Mongh he concludes, that although it may bring on lator without having recourse to any operation, yet that it i does not present a mon likely or indeed to probable a meand of shoring The infant as the operation of punctur ing the membrained. on the mother, and at what periods it acts on the stend, had not been the only topic of interest in regards a its use in particition. It has been maintained by many that Since its introduction, the mumber of the Stile born had been augmented, and that observation had sufficiently shown, that when it is given to expedite delivery, now or left danger alway

accend to the offering: either by induction 20 of asphysia, or of presenter dia the, mine, lo the voluce of the alerne contractions, or by the destains agine to up to the fetre. The talamony that it affect the plan to en ain ac upor in i har expression to confirm the finion. QU hamsbotham, Inathwaite and others affirm that moder that sur hand act forminally on the child it is neisen that the action on the alern' Mon to unintempted: and they have the or increasion any las appendo on the care when the fatient had list beliveen the fame. To Same Fatterson details the particular of a cate in which the month mantile of times whe goen gothe movements of the chid continued. lively: the also refus to paper the Rogeron Can husch to I alle whin containe a up serve to one Munchest and south

fi cases, and this was but once the whole number last, which could be rejered to the ou of the light. When state . dow of from ets deleterious effects to be ad great of many of its opposed nould be liable to gravi Jut even admitting these untoward effects when adminestored in inficiently largo daled to bring on tains of ettelf: nome could scarcely danis of it officiency and vara in construction with some of the arous wintered meand for the induction of lain. The giving it in come this or four doses at intervals of a few hourd. the of steri becoming Soft and leaved, and then suptring the memorand, which is a speedy and very cape way of operating both to the in ineand infant.

After labo too him thoughton to and it 1. The meand proposed, it is to be continoted et in ordinary tabors, except what proceed both matter and infant mas leguine a little mon cide attention a this termination, than when the whole proces i compaled the ratine alone. 6 I mit







1854

Accession no. 23002 Author Yale Univ, Theses for M.D. Call no. T113 Archives Y11

