

tinued, infomuch that this will continue even some Days after the Reduction of the Gut is made.

Parts inflamed, and in Contact, will soon stick and coalesce together: Pain is the indicating Sign of Inflammation, and an Inflammation is an Intumescation of the Vessels in the Parts inflamed. If then Pain happens to be an Attendant of a Rupture, wherein the *Omentum* is concern'd, and the Parts so inflamed continue in Contact, that is, if the Parts prolapsed in a Rupture are not soon reduced, they will swell in the Bag, and be knit together, and by filling up the Opening, by which they had prolapsed, choak up the Passage, clog and prevent the returning back, compress the Guts under the Pressure, and strangulate them more and more, in proportion as their Bulk shall increase, so long as the Fluids can flow into the compress'd Canals; in which at last they stagnate, and upon Extravasation suppurate, or the Mortification of the Parts compress'd ensues.

III. *An Account of a Pin taken out of the Bladder of a Child, by Mr. William Gregory, Surgeon; communicated in a Letter to Sir Hans Sloane, Bart. Pr. R. S.*

*Brompton near Chatham,
Jan 4. 1733-4.*

I Was call'd to the Assistance of a Woman in Travail. The Foetus presented in a transverse Position; I soon recover'd the Feet, and in a few Minutes deliver'd the Woman. The *Funiculus Umbilicalis* was

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so short, that it was with Difficulty I could make a Ligature upon it, in order to make a Separation : I immediately extracted the Secundine, and measur'd the *Funiculus*, which was little more than four Inches long. As soon as the Woman was taken care of, I examin'd the Child, which I found to be imperfect in several Parts, there being no *Anus*, neither Privities to distinguish of what Sex it was : Where the *Vulva* should be, there was a small Perforation, (though no Appearance of *Labia*) through which the Urine always pass'd away ; there was likewise a large *Hernia Umbilicalis*, and a little lower in the *Linea alba*, was a Perforation, into which the *Intestinum rectum* open'd, and there the Excrements pass'd during the time the Child liv'd, which was almost ten Weeks. Several Days before the Child died, a Gangrene appear'd on the *Hernia*, which soon pass'd into the Intestines, and occasion'd the Child's Death : The *Hernia*, in my Opinion, was occasion'd by the Shortness of the *Funiculus*, which did not grow in Length proportionable to the Fœtus ; the Child in all other Parts was perfect. When the Child died, I had Liberty from the Parents to inspect into it : I did not go through a regular Dissection ; I only inspected into the *Intestinum rectum*, (which I found as above describ'd) and the urinary Bladder, which I found very small, and no Urine in it ; the Child was never observ'd to make Water in a Stream whilst it liv'd, which makes me of Opinion, the *Sphincter Vesicæ* was imperfect. In handling the Bladder, I found something sharp pointing to my Finger ; I could not discover what it was, until I snip'd off the Neck of the Bladder : I then
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took out of the Bladder a tough kind of Substance, about as big as a small Fig, in which was a Pin with the Head on, and very black; the urinary Bladder, Pin, and viscid Substance, (though now somewhat wasted) are here preserv'd in *Sp. Vin. R.* The Case, in my Opinion, being very extraordinary, occasion'd my giving the above Account of it, which I declare to be Truth, having open'd the Child in the Presence of several Spectators. Witness my Hand,

Wm. Gregory.

IV. *A Letter from the Marquis de Caumont to Sir Hans Sloane, Bart. President of the Royal Society, containing the Description of a very extraordinary Stone or Calculus taken out of the Bladder of a Man after Death; translated from the French by T. S. M. D. F. R. S.*

Avignon, June 30. 1732.

S I R,

YOU have an indisputable Right to all the Wonders of Nature: They have, in some manner, recourse to your Tribunal: For where can they be examined with such Judgment? This is my Motive for communicating to you the Figure of an uncommon Stone found lately in the Bladder of a dead Body, which I had engraved in my own Pre-