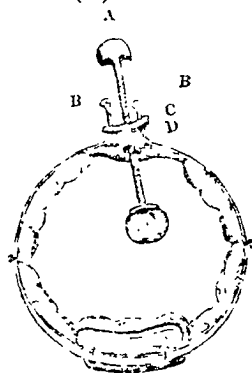


tre. As all the advantage, therefore, must be confined to a *lateral* inclination, a hinge joint will equally obtain this object, and is preferable to any *fixed* inclination, which could otherwise be given to the screw.—The idea is not new, but the construction of the instrument and the principle is simple and easily accomplished, which is a desideratum in a country where surgical instrument makers are as rare as cases of aneurysm. I would here remark that the size of the cushion and plate supporting it, as shown in Cartes' instrument, would have rendered it inapplicable in the present case, from want of space, as there was scarcely three inches at one time, for the application of the two instruments, and even after a *reduction in the breadth of the cushions and plates of the instruments was made, one of them had to be removed, to give room, as has been noticed, and the other shifted a little occasionally to relieve the parts, and prevent excoriation.* However, at this period the sac had become sufficiently obstructed, so that this could be done without risk. Another advantage was found in having the instrument made *with two lateral joints*, to allow of their being separated into two semi-circles for the facility of removal and re-application: the joints were easily secured by pins.

The instrument consists of a ring of iron, 26 inches in circumference, about half inch broad and a quarter thick; a hole sufficiently large to allow of the free play of the pressing screw is made through the ring; at each side of this hole, a small piece of iron is dovetailed, being about three-quarters of an inch in length and half an inch in breadth; in the upper part of these shoulders, there is a small hole, to allow two pivots to play, and support a small bar of 1 and $\frac{1}{2}$ inch long, between them, like the centre of an ordinary balance beam: in the centre of this bar there is a female screw, through which the long compressing screw (A) works; at each end of the bar (C) there is a small adjusting screw (BB)



[A, compressing screw; BB, adjusting screws; C, balance bar; D, supporting shoulders.]