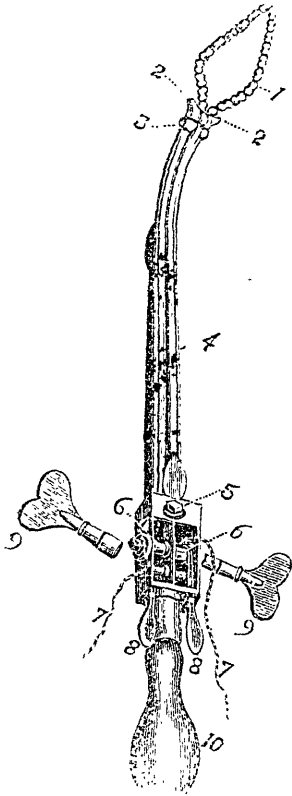


Fig 7-7. Ends of wires (unattached to drums) which connect the chain with the drums.

Fig 8-8. Thumb springs by which the chain may be instantly loosened if required during operation.

Fig 9-9. Thumb keys by which the drums are turned and force applied.

Fig 10. Handle.



MODE OF APPLICATION.

Loosen screw (No. 5), and withdraw both canulae, chain and wires, remove slide, reverse the canulae, placing the two outer surfaces together, so that the points will be touching and the chain entirely within the canulae.

Then pass both canula, guided by the finger, over the tumor up to the attachment of the pedicle. Give one of the canula to an assistant with directions to play out the chain as required—press the tumor to one side and carry the other canula carefully around one-half of the pedicle, then giving this to the assistant you pass the chain in like manner on the opposite side with the canula he held at first. The in-

sides of the canula will now be together, as seen in the engraving, and by the gauge mark it may be readily ascertained when proper apposition is attained; then pass the slide over the canula, not pressing it home, pass the wires through the openings into the body of the instrument and the lower ends of the canula into the same. Tighten the screw No. 5, and force home the slide. Now attach the wires to the drum, tighten the chain with thumb keys, and the instrument is ready for operation.

ADVANTAGES CLAIMED FOR THE INSTRUMENT.

(a) The ease with which the chain can be adapted to the pedicle.

(b) The certainty with which the chain can be retained in position when once properly adjusted, owing to no separate *porte-chaîne* being used, which is very apt in removal to disturb the position of the chain.

(c) With the *ecraseurs* in use at present the pedicle is usually cut obliquely downwards and outwards, leaving a portion still attached to the uterus, while with this instrument the pedicle is severed equally throughout.

(d) If you wish to remove the tumor by pressure alone, as in ordinary *ecraseurs*, you will turn both keys at once; but, should the pedicle be cartilagenous or otherwise difficult to sever, by turning the thumb keys alternately you may obtain a saw-like or cutting motion.

(e) If during operation you have reason to fear you are trenching on the substance of the uterus, by pressing the thumb springs No. 8-8 you may immediately loosen the chain and re-adjust it.

The instrument was made by Crane & McGee of this town.

Woodstock, January 14th, 1880.

A NEW RECTAL BOUGIE.

By C. E. NELSON, M.D., New York.

In the recent treatment of a case of stricture of the rectum, I was desirous of sparing the patient the discomfort of having the anus kept on the stretch for twenty minutes during the gradual dilatation by means of the ordinary rectal bougies; I therefore devised an instrument (which may be called a bougie, for the sake of simplicity) fashioned as is repre-