

flow. I am thoroughly satisfied that in this instance the cause was due to adhesions, and that had I not succeeded in breaking them up so that the womb could normally contract and close the bleeding vessels, the patient would have died.

## TRAUMATIC TETANUS.

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On the 13th of December I was called to see W. Mc., aged 8 years, who had received a slight wound on the knee from an axe, the corner of which had penetrated to the bone, dividing the superior internal articular artery. I succeeded in arresting the hemorrhage at once, by means of a compress and bandage. Called next day and brought the edges of the wound together, sustaining them by means of strips of adhesive plaster.

Heard nothing more from my patient until the 20th, when I was called again by his father, who said his boy complained of a "soreness about the throat" that morning. I found at once that peculiar expression of countenance, *risus sardonicus*, characteristic of tetanus. By this time, 9 a.m., the jaws could not without difficulty be separated, pulse 130, full and strong, with a profuse perspiration. There was nothing unusual about the wound, which was not more than half-an-inch in length. Cicatrization appeared to be going on nicely, attended by little or no inflammation in the adjacent structures. On learning that the bowels had not moved since the accident, now seven days, notwithstanding the frequent administration of patent pills, I administered an enema at once, prescribing at the same time a full dose of calomel and jalap, with tinct. cannabis indica and quinine. Six hours having elapsed, two drops of the oil were given, but without any effect on the bowels whatever. Called again in the evening, found the spasms had extended to the muscles of the back and lower extremities, producing *opisthotonus* in a marked degree, the paroxysms occurring every few minutes. Ordered the constant application of ice to the whole length of the spine, together with the administration of twenty drops tr. opii, to be repeated in the course of a few hours, should the spasms continue. This gave almost instantaneous relief for