

sively and firmly adherent in front and right side, to abdominal wall; and this, together with the great size of the solid portion of tumor, necessitated a wound reaching nearly from ensiform cartilage to pubes. Several gallons were got away by tapping, and after three or four hours' hard work, the whole tumor was removed. Pedicle was ligated and dropped in, mass being cut away from left side where it grew. A considerable amount of blood was unavoidably lost during the operation, and brandy had to be given both by mouth and rectum while it was going on. Large rubber drainage tube put in at lower wound, and sutures introduced as usual. Operation was done under carbolic spray, and the wound was dressed with carbolized gauze. Strapping, cotton wool, and bandage over it. Ninety-one and a half pounds of tumor removed, thirty-nine and a half pounds constituting the solid portion. 6 p.m.—Pulse feeble, and occasionally intermittent; a good deal of restlessness. Two drachms of laudanum and half an ounce of brandy given in water by the rectum. 7 p.m.—Sleeping quietly. Pulse rather better.

March 21, 9 a.m.—Pulse 140, feeble, but regular. Extremities warm. Has had brandy, milk and egg, by both mouth and rectum during night. Urine drawn; it looks well. 12 m.—Pulse 148. Considerable serous discharge on dressings, which were therefore changed. 3 p.m.—Pulse more feeble. Some delirium. 4.30 p.m.—Pulse absent at wrists. Extremities growing cold. 9 p.m.—Died. Abdomen examined; no hæmorrhage.

CASE V, *March 28, 1883*.—Mrs. A. G., æt. 50. Multipara. Has not been very strong since marriage, thirty years ago. Had a "fever" when pregnant seven months with first child, and miscarried at eight months; child living. Thinks she has never entirely recovered from the effects of that illness. Has had more or less dysuria for years, though urine, she states, generally looks healthy. More troublesome than ever since two years ago, at which time she thought there was a tumor in the vaginal passage. Eighteen months ago, underwent an examination by a physician of a neighboring town, who told her that she had a "fibroid" tumor of size of fist at the back of womb. Catamenia have been tolerably regular, though she sometimes has gone beyond the four weeks. Appetite has been poor of late. Abdomen is now about size of that of a woman at full term. This

enlargement is due to a hard irregular mass, most prominent on right side. Very little if any fluctuation can be detected in it, though in parts it seemed somewhat elastic. Per vaginam, uterus felt at right anterior pelvis. Sound enters normal distance. A mass, similar to that felt through abdominal wall, and apparently continuous with it, found pressing down well into pelvis posteriorly. Uterus moved independently of tumor. Lumbar and epigastric regions alone resonant on percussion. Pulse 84, temp. 99° F.

April 6.—Catamenia appeared the next day after last examination, being the proper period for them. Pulse 88, temp. 99.

April 9.—Took a cathartic yesterday evening, preparatory to an operation, and had two loose stools accompanied with some griping. Paregoric relieved latter. Pulse 92, temp. 100.

April 11, 12 m., Operation.—Chloroform administered, followed by ether. Assisted by Dr. Coburn, and Mr. J. G. Owens, my medical student. Carbolic spray used. Incision from just above umbilicus to near pubes. Tumor tapped and about three quarts of thick material got away. The solid portion, weighing about seven pounds, was then removed. No adhesions of importance. Tumor grew from left ovary. Pedicle ligatured with silk and dropped in. Wire sutures. About a dozen catgut ligatures had to be applied to various bleeding points of wound in abdominal wall, long continued pressure with forceps not controlling the hæmorrhage. Carbolized gauze, etc., as in cases 3 and 4. Suppository, containing half a grain each of morphine and ext. belladonna, administered. On examination of tumor nearly a pint of thick, flaky, purulent matter found scattered through its solid portion.

April 12, 9 a.m.—Rested fairly. Pulse 92, temp. 100. Vomited only once. 9 p.m.—Pulse 96, temp. 100.8.

April 13, 8 p.m.—Pulse 76, temp. 99.4. Some menstrual flow appeared to-day.

April 14.—Pulse 72, temp. normal. Wound dressed under spray.

April 19.—Bowels were moved by enema two days ago. Sutures removed to-day under spray. Wound about healed. Pulse 76, temp. 98.6.

April 25, a.m.—Patient sat up for an hour last evening; while up she suddenly got chilly, and was obliged to go to bed at once and be covered