

protruded the size of a small orange. The cord was behind the sac, but quite separate from it, and could be easily held out of the way. The sac when carefully examined was found to consist of two parts, separated by a groove, viz., an upper and outer and lower and inner; the upper sac was very thin, and through it the intestines could be seen moving; the lower sac was thicker and firmer and covered with a lot of vascular granular fat, and the sac ran towards the pubis.

From my experience of the above two related cases, I at once recognized that the lower sac was the bladder; this was proved by the introduction of a sound which, with some manipulation, was induced to enter the diverticulum protruding through the abdominal walls. A careful attempt was made to separate the two sacs, and when this was partially accomplished the upper sac was tied off and the whole hernia reduced. After transplanting the cord, the opening was closed in the usual way in Bassini's operation with chromicized gut.

The patient's recovery was uneventful, and he was discharged three weeks after operation. I have seen him quite recently (February, 1904), and he tells me he is perfectly well, and there has been no return of the hernia.

CASE IV.—*Right Direct Inguinal Hernia with Hernia of the Bladder and Hydrocele of the Sac; Wound of the Muscular Coat of the Bladder.*

A. W., aged thirty-eight years, entered the Montreal General Hospital, April 15, 1903, for the radical cure of hernia in the right inguinal region. He has also a fluctuating swelling which descends to the scrotum. The patient, whilst lifting a heavy weight some twelve years ago, felt something give way in his right groin, and noticed a swelling in that region. This easily went back; and he consulted a doctor, who gave him a truss, which he wore for a year, and then gave up because he thought himself cured, but since then every two or three weeks the tumor would reappear. He easily put it back, and thus on some occasions it would not return for a month. Latterly, although he could reduce the tumor easily, it would come back immediately, but never caused him any trouble until the day before he entered the hospital, when he was unable to reduce it. Has never had much pain; never could pass water whilst lying down; but the bladder was easily emptied while standing. Has always been healthy and has worked hard.