

pus and foal gas were in this way liberated, the cellular tissue being found gangrenous. A few hours later further incisions were made, extending along Poupart's ligament and the crest of the ilium.

The scrotum was found to contain a tumor which was so much decomposed and burrowed into as to be quite unrecognizable, and this was not removed. The wounds were packed with iodoform gauze, and the patient made a good recovery, but the testicle remained large, and becoming adherent to the scrotum fungated through the openings. It was therefore removed on October 16th, after which the wounds healed nicely.

The testicle was sent to Dr. J. Caven, of Toronto, for microscopic examination, and he pronounced the case one of cystic sarcoma.

I found upon examination the patient apparently in good health and well nourished, a cicatrix extending from the lowest extremity of the scrotum to a point a little above and behind the anterior superior spine of the ilium. This was somewhat dense throughout. Just below the external abdominal ring there was a small rounded tumor about the size of a filbert seemingly attached at its upper extremity, and adherent to the cicatrix.

On December 17th I cut down upon this tumor and found it attached to the cord, which was therefore amputated and the tumor removed. This was sent to Dr. H. B. Anderson, of Toronto, who, after microscopic examination, pronounced it a small round-celled sarcoma.

The wound healed by first intention, but the cicatrix remained thickened and hard, and early in January, 1897, a small rounded tumor could again be felt just below the site of that formerly removed. This also was adherent to the cicatrix, which was much infiltrated.

On January 22nd this little tumor had attained the size of that removed a month before, and, despairing of success by operation, I began treatment of the case by Dr. W. B. Coley's method of injecting a mixture of streptococcus and prodigiosus toxines. Dr. Coley himself very kindly gave me the benefit of his advice, and supplied me with the toxines prepared according to his directions. While, however, he advised a trial of this method, he stated that he had not had very gratifying results in such cases.

Beginning with a half minim the dose was gradually increased to fourteen minims without getting any very severe reaction. Bloody serum began to come away on January 30th through two of the needle punctures which had opened up, and these openings enlarging, the tumor soon began to fungate and