

Michael G., age 67. Family history free from cancer. He has served in the British army in India; had ague. Has never had syphilis. Been a free liver for years, and indulged in intoxicants freely.

In January, 1893, he first noticed a soreness about the anus and extending up the rectum; this rapidly got worse, and free hemorrhage accompanied each movement of the bowels. In April, 1894, he went into Toronto General Hospital, and was operated on twice during a three months' stay, leaving there in June, 1894, with the wound still open. In December, 1894, he came into my service at St. Michael's Hospital, with pain, bleeding, and a growth at the anus extending up the bowel a short distance, less than one inch. I thought it possible to remove the growth without doing a wide operation, but was not successful. The continual passage of feces over the operated area delayed healing, yet he was discharged from the hospital in July, 1894, with a partial control of sphincter. In January, 1895, he was re-admitted with a return of the growth. This time I did a colotomy as a precautionary measure before excising the growth, which was done freely. He was discharged in July, 1895. He was free from any return and comfortable, with a water pad truss, until February, 1897. In July, 1897, there was a growth at the margin of the skin and mucus membrane about $\frac{1}{2} \times \frac{3}{4}$ inch, which looked suspicious; this was removed. On microscopical examination it was found not to be carcinomatous. The continuity of the gut was restored in August, 1898. He has remained free from any recurrence. There is a contracted fibrous ring around the lower bowel opening which acts somewhat in the capacity of a sphincter. He was well and free from any recurrence in January, 1901.

Lizzie McL., age 28. Maternal grandfather had epithelioma of lip, removed, cure; died from other cause many years after. Otherwise, family history good.

When about seven years of age she was hit with a large stone on the hip. This accident was followed by pain and swelling in a few days, which increased in severity. She was confined to bed for a year before she was able to go around. In about six months she was again obliged to lie up, and an abscess developed and broke in the groin. The discharge continued, and one place after another broke down around the hip until there had been four or five sinus openings, one closing before the second would open. She was in bed about a year and a half or two years at this time. The wound on the hip, which had always discharged a little, even while able to go about, healed up for a few months, then her left shoulder broke out and was very sore for some months. Another abscess developed