

Society Proceedings.

MONTREAL MEDICO-CHIRURGICAL SOCIETY

Stated Meeting, January 29th, 1897.

GEO. WILKINS, M.D., PRESIDENT, IN THE CHAIR.

Experimental Cerebral Localisation.

Dr. WESLEY MILLS exhibited in a fresh condition the brain of the rabbit shown at his demonstration before the Canadian Medical Association in August last. The animal was exhibited the day after the operation, which consisted in the removal, not only of the cortical centres for the limbs, neck, etc., but, as the specimen showed, so much of the cerebrum that the ventricles were in part exposed. When exhibited the day after the operation the animal sat up in the usual position, walked and leaped so well that it was difficult to distinguish it from an intact rabbit.

In this instance the brain had been reached by cutting down to the dura, slitting the latter open and turning it aside without removing it. The cerebrum was sliced away, to the extent indicated before, with very little hæmorrhage. Antiseptic precautions were employed. The edges of the dura were approximately sutured, and the margins of the skin wound brought into apposition by the same means.

The wound healed rapidly, and the rabbit remained well and active till recently when it suffered from skin disease and died a few days ago.

Examination showed a scar on the line of the incision in the skin, but nothing of the kind was apparent in the dura. A thin straw-coloured fluid was found beneath the dura, but there were no adhesions either of skin and dura, or between the latter or the cerebrum. Dr. Mills said that without experience it would be difficult to believe that a rabbit should survive such an operation and have to all intents and purposes the same functional capacity as an intact animal for a period of about five months. He thought it proved clearly that so far as the cortex of the cerebrum was concerned there were great differences between different animals below the primates, and between the former and the latter.

Two Cases of Perforated Gastric Ulcer.

Dr. JAS. BELL exhibited two patients. (Will be published later.)

Dr. GEO. E. ARMSTRONG congratulated Dr. Bell on the success of