

diminished number of successes, distributed over a large number of animals. No serum has been obtained which shows any protective or curative influence over experimental cancer.

The numbers of experimental inoculations which have been made in mice have exceeded many thousands, and although none of the results obtained are directly applicable to man, yet our knowledge concerning the nature and development of cancer has been greatly enhanced.

O. K.

Society Proceedings.

MONTREAL MEDICO-CHIRURGICAL SOCIETY.

The fifth regular meeting of the Society was held Friday evening, December 4th, 1908, Dr. J. Alex Hutchison, President, in the chair.

DOUBLE SYMES AMPUTATION.

E. W. ARCHIBALD, M.D., presented this case before the Society.

I bring this case before the Society merely to show the result of a double Syme's amputation at the ankle joint. This patient was referred to me by Dr. Howell last April. On March 11th both his feet had been frozen and he came into hospital on April 11th. At this date the whole anterior half of each foot was in a state of dry gangrene, and there was also a large circular area of gangrene over each heel. The problem here was whether one could save half the foot by the Chopart operation, covering the ends of the bones and the heels with Krause skin flaps later on, or whether one should go above this line and cut away at the ankle joint by the Syme's or Pirogoff operation; or again whether one should go still higher and amputate at the junction of the middle and lower third the old "point of election." The man himself was opposed to any long stay in the hospital; and my own impression, in which Dr. Bell in consultation coincided, was that the Chopart amputation was more likely to give a poorer result than the Syme's, and in the second place we believed this would give a better result than with the older method of the higher amputation. The Syme's amputation was done. On account of the area of gangrene over both heels the ordinary posterior heel flap could not be used and was substituted by an anterior one taken from the dorsum. This man is a machinist and made his artificial feet himself at a total cost for the two feet of \$4. (The mechanism was here demonstrated.) As is seen, the patient walks without limp, and with a reasonably firm step. He can walk for several