

Whether the proto-nuclein given had any action in producing this effect is hard to say, but it should act in increasing cell proliferation if it has any effect at all. The Salol seemed to act beneficially in diminishing the pus, although 60 grains produced the carbolic action. The general condition of the patient and the failing pulse with chills, continued pains and soreness, in other words, septic symptoms, decided us probably more than anything else in removing the contents of the uterus, the result, I believe, justifying our procedure.

I am indebted to Dr. A. J. Richer for his careful microscopical and bacteriological report of the urine to Drs. England, Burnett and Fisk for their able assistance, and to Dr. Oliver for the photogram.

Montreal, Oct. 19th, 1898.

OXYTUBERCULINE IN THE TREATMENT OF PULMONARY TUBERCULOSIS.

In 1896 Dr. J. O. Hirschfelder, of San Francisco, inspired by the fact that many cases of tubercular peritonitis benefited by coeliotomy, conceived the idea that the benefit was likely obtained through the oxidation of the toxine (eliminated by the micro-organism) into an anti-toxine when air was admitted into the heretofore closed peritoneal cavity. The idea no doubt was a very ingenious one, suggesting the probable benefit which might be derived in treating pulmonary tuberculosis by inoculations of an oxidized tuberculine, *i. e.*, tubercular toxine obtained artificially by culture, extracted by Koch's method and oxidized by means of peroxide of hydrogen at a moderately high temperature. The resulting product, which closely resembles its parent (tuberculine) physically, he calls oxytuberculine, and, as claimed by Dr. Hirschfelder, enjoys perfect innocuity when injected hypodermically, even in large doses into healthy individuals.

My first clinical test of oxytuberculine was commenced on the 11th Dec., 1897.

A young man of 22, with a tubercular family history, was examined early in November, when the left apex showed signs of extensive infiltration, while the left showed signs of rather extensive softening, with here and there over both