

CONTINUED REPORT OF KOCH'S TREATMENT OF TUBERCULOSIS AT THE MONTREAL GENERAL HOSPITAL.

SURGICAL CASES UNDER THE CARE OF DRs. RODDICK, SHEPHERD
AND BELL. REPORTED BY R. E. McKECHNIE, M.D.

CASE I—(*Continued from last Number, page 557*).

Dec. 24th.—1 c.cm., of the 1 per cent. dilution was injected. A very definite reaction followed, the temperature beginning to rise six hours afterwards, and reaching its highest point ($102\frac{1}{2}^{\circ}$) in five hours more. The diseased surface became deeply injected and very itchy. The next day several blebs of sero-pus were seen, and towards evening scabbing began.

Dec. 27th.—1-2 c.cm. injected to-day. Six hours afterwards the temperature began to rise, reaching its maximum of $101\frac{1}{2}^{\circ}$ in two hours more, accompanied by the usual symptoms of nausea, headache, etc. This was the last injection given up to date, Jan. 23rd, 1891. The temperature reached the normal by 8 A.M. Dec. 28th, and remained between 98° and 99° till Jan. 6th, several times since when it has reached 100° without any known cause.

The diseased surface, up to Jan. 6th, had remained covered with scabs, but on this date these came off, leaving red granular surfaces, with small patches of skin, showing a tendency to cover adjacent parts.

On Jan. 9th the diseased surface was of a dull, angry appearance, and quite painful. In a day or so it took on a moderate suppurative action, which has now given place to scabbing, the lupus patch being now extensively covered with thick hard scabs. But beneath these pus still exists.

CASE II—(*Continued*)—Received its next injection of $\frac{1}{16}$ c.cm. of the diluted lymph on Dec. 24th. Six hours afterwards the temperature began to go up, accompanied by chilliness, nausea, and headache. It reached $102\frac{1}{2}^{\circ}$ in two hours, and its maximum of 103° in four hours more. Coincident with the high temperature, an increase in the pus in the urine was again noticed, and a little blood appeared. No local reaction in the testicle was noticed with this injection.

Temperature reached the normal at 12 P.M. the next night, from when till the next injection of $\frac{1}{16}$ c.cm., on Dec. 24th, it remained normal. In this interval no blood appeared in the urine, and the pus diminished. Following this injection the temperature rose to 103° , accompanied, as usual, by much sickness and considerable prostration. No definite change was noted in the quantity of pus in the urine, nor did the testicle show any reaction following this injection. Temperature did not reach the normal till 10 o'clock the next night.

Jan. 19th.—From Dec. 28th to date no injection was given. Urine was carefully watched and not a trace of blood seen. The pus, also, never reached the quantity observed after some of the injections, and no pain or swelling was noted in the testicle. Patient felt better than before the first injection, and was anxious for the treatment to recommence. He still had frequency of micturition night and day—every fifteen minutes or so. On Jan. 19th $\frac{1}{16}$ c.cm. of the dilution was injected. The temperature rose to a maximum of $102\frac{3}{4}^{\circ}$, reaching normal at 12 P.M. the next night. Patient felt all the typical symptoms—