

cular, received full injections—viz., 0.01 c.c.—to compare results with tubercular patients. To the doctor's surprise she reacted to a temperature of  $101^{\circ}$ , with swelling and pain in both knee joints. This temperature fell next day to  $97^{\circ}$ , then rose to normal. The second injection given was 0.005 c.c. instead of 10 milligrams, and this was followed by a temperature of  $103^{\circ}$  in  $15\frac{3}{4}$  hours, with no pain or swelling of joints. Without further detail, suffice it to say that this patient was treated until reaction was nil in response to gradually increasing doses. Dr. Heron was quite satisfied that this was a case of tubercular affection which in time would have developed itself. In a non-tubercular person the dose of a centigram will cause a passing effect only; in this case no suspicion of tubercle could be based on any existing symptoms.

If I had dared encroach further on the Society's time, I would have given in detail the latest phase of the Koch treatment as carried out at the hospital in Moabit, a suburb of Berlin. I refer to a few cases where resection of the ribs has been done to permit of cleansing out lung cavities, cauterizing these cavities, and local application of lymph thereto. Prof. Sonnenburg, who has the surgical wards in the Moabit hospitals, gives an elaborate account of these operations in the last *Deutsche Medicinische Wochenschrift* and their results, which are certainly satisfactory up to the present time. For the technique of the operation and the details of the work, I would refer those interested to that journal. The surgical skill, combined with the precision in medical diagnosis demanded by such operations, precludes procedure of this kind outside of large hospital centres, but the Koch treatment outside of this phase of it can be creditably undertaken by the general practitioner who will assume the labor of clinical experience which alone can qualify him.

Gentlemen, I feel that an apology is due for the length of this paper. My only excuse is the futility of attempting, even at this length, a fair synopsis of the study, during a couple of months, on this interesting subject in so great a field as that of Europe.