

good cell metabolism. Ten minutes after taking a hot bath the patient's temperature ran up to 100° to 103° , showing rapid cell metabolism. At home after such a bath there would be no elevation. He had seen a number of persons who had never taken syphilitic treatment go there, take no treatment, except the baths, and the lesions disappear entirely, showing these were irritation lesions from within and that they had nothing to do with the syphilis. The danger in the later stages was more from the lesion-formation than from the intoxication. A condition of the system should be brought about similar to that present in the mother who has obtained immunity through the *fœtus*. The placenta, if in normal condition, acts as a filter. The mother does not suffer from the secondary or tertiary lesions. Where these lesions do occur in the mother, it is only explained by some change in the walls of the vessels so that the organisms pass from the *fœtus* into the mother and cause lesion-formations. The toxins give immunity and the person throughout life would have no syphilitic lesions of any kind; he was immune.

So the object in treatment was to try to get this immunity which could be got without lesion-formation, so that the tissues, as in the case of the mother with the syphilitic *fœtus*, may escape injury. Treated on these principles there were no reasons why syphilis should be a dangerous disease to persons affected; danger to others was almost entirely removed. The disease itself was not only made less severe but the lesions less frequent.

DISCUSSION.

Dr. WM. OLDRIGHT—Where there are sufficient data to enable us to determine at what period does cessation of the action of the organism occur, what period may we look for arrest of the disease without treatment? If we meet with a patient in the later years and find the patient has had syphilitic lesions, and not sure he has undergone a thorough course of treatment, what is the latest period we would be justified in treating, what is the latest period we would look for manifestations?

Second, how long are the toxins in being eliminated after the micro-organisms have ceased to exist?

Third, has the reader of the paper met with those conditions of lardaceous disease simply from the syphilitic micro-organism without the long existence of purulent organisms?

Dr. EDMUND E. KING—I have listened with a great deal of interest to what Dr. Robinson has said. I feel that the intoxication idea of syphilis has a very able exponent. After these remarks, stating that