

him the greatest satisfaction. It is useless, he says, to give the remedy with any hope of success to patients who are in the last stages, with but a few months to live, or to those in whom a secondary infection, especially a streptococcal, exists, and in whom the symptoms of sepsis have pushed those of tuberculosis into the background. Furthermore, patients with a temperature of over 38° C. (100.4° F.) are only exceptionally influenced for good by the specific treatment of tuberculosis. In suitable cases, however, an improvement is invariably obtained. He says that he uses the term "improvement" advisedly, although according to the ordinary usage he would be justified in speaking of the patients as cured. He is unwilling, however, to regard any as actually cured until after the expiration of a certain period without any relapse. There were no unpleasant general symptoms observed, and there was no reaction whatever when the dosage was properly graduated. In the case of pulmonary tuberculosis, the only effect of T. R. was a slight increase in the rales, but this symptom soon disappeared, the sputum rapidly diminished in amount and its formation ceased, and the temperature curve declined.

It is possible, Koch says, that some other method of administration may be found more efficacious, or possibly the desired end may be reached better, and more speedily, by some combination of T. R. with T. O. or by a serum preparation obtained by means of T. O. or T. R., experiments with which are now being conducted. But he maintains with entire confidence that any further improvement in the preparation itself is not to be looked for. This preparation is made from fresh and highly virulent cultures, which were alive immediately before the trituration process, and the bacilli are brought into a soluble state without the employment of any chemical means. Nothing better than this can be done, and anything that can be accomplished with cultures of the tubercle bacillus can be accomplished with T. R. and T. O.

Whether the confident assurance of this distinguished investigator will be justified by the results of a general application of his new preparations must be left for the future to decide. At present we can only say, in the words of our Berlin correspondent: "Hoffen wir, dass einem zweiten Tuberculin-Rausch nicht ein zweiter Katzenjammer folgt."—*Medical Record*, April 24.

---

Now is the time to send in your subscription to the CANADIAN MEDICAL REVIEW. One dollar a year is the subscription price.