

jection of antitoxin was the only mode of treatment adopted by all. Would anyone of the local applications made in these 100 cases have produced the same gratifying results? Past experience in this disease emphatically answers No. If not, to what can we attribute our success? In my opinion, to the antitoxin. Would I, then, discard local applications entirely? By no means. As I have already stated, I favour the use of these topical applications, believing, as I do, that by them we impair the activity of the bacilli, and thus prevent the generation of the toxin in as great quantity as would happen were these applications not made.

2. *The Treatment of Complications and Sequelæ.*—Under this heading we have such conditions as weak heart, bronchitis, pneumonia, albuminuria, paralysis. The treatment of these will be that that would be adopted if these were the initial disease, with, perhaps, this difference, that the patient is already more or less exhausted by the diphtheria, and, in consequence, a more stimulating mode of treatment becomes necessary.

Another condition which may arise during the course of diphtheria is partial stenosis of the larynx due to the formation of the membrane in that situation. Here the treatment will be either tracheotomy or intubation. As Dr. J. C. Connell of this city, who has had experience in intubation, is to supplement my notes on these 100 cases by some observations upon this operation I will not discuss it, feeling that it will be much better dealt with by him than I could hope to do.

*Prophylactic Use of Antitoxin.*—Another use has been made of antitoxin; it has been employed as a prophylactic. I have not had much experience of it as a means of preventing the spread of diphtheria. I have inoculated 12 children from whose families one member had been removed to the hospital suffering with diphtheria. None of these children became infected, although the infected member of the family had freely mixed with the others before I saw him and had him removed. In other cases, where inoculation was not practised, several members of the same family became infected. The dose that I used for inoculation was 500 units. I give these figures not because I think they are conclusive, but in the hope that others who have tried inoculation