

diphtheria has proven its curative power far beyond any question, and, yet, not long ago we met a doctor who did not believe in it. He either did not read or he was incapable of understanding the logic of facts.

But let us drive this home. During the time of the Franco-Prussian war the death-rate among those who contracted the disease was, for those who were revaccinated, 5 per cent.; for those only once vaccinated, 14 per cent.; and for the unvaccinated 45 per cent. Now, these figures are facts, and not mere opinions of some one who "thinks" that vaccination does not protect.

Mr. Alfred Russell Wallace opposed vaccination. He was a scientist of some repute, but scientists do not follow him in his speculations on astronomy, or biology, and his claim to have preceded Darwin in the theory of selection has been exploded. He based his objection to vaccination on some German statistics that have been shown to be as false as falsehood itself. The Lyon experiments, which went to prove that vaccination was not a protection, have also been upset, and thrown into the discard basket.

Coming to Canada for an object lesson. In 1885 there was an epidemic of severe type in Montreal, and in a few weeks there were about 4,000 deaths, with the proportionate amount of sickness, suffering, disfigurement, and loss of time among those who contracted the disease, and recovered. It became necessary to resort to compulsory vaccination, and the disease was soon brought under control. There were no deaths from the vaccination.

Dr. J. W. S. McCullough, the esteemed and capable chief officer of health for Ontario, recently stated as follows:

"Six hundred and fifty thousand vaccinations were performed in the Canadian army without a single untoward result. This Ontario Board of Public Health alone spent \$1,250,000 on anti-typhoid vaccine for use among the soldiers."

"The ignorance of the people who are opposing vaccination is too colossal for me to afford time for argument with them. If the matter comes before the Provincial Government and the Minister asks me for a report, I will then give the arguments in favor of vaccination."

It was stated at the anti-vaccinationist meeting in Massey Hall that the decline in the frequency and severity of smallpox is due to improved sanitation. Lewis and Balfour in their great work on preventive medicine show clearly that this is not the cause. These same authors point out that in one epidemic among 53,891 vaccinated persons there were only 953 cases of smallpox, where among 5,712 unvaccinated persons there