

## 2/12/82 PERTUSSIS VACCINE SYMPOSIUM

Dr. Stainer - Connaught Laboratories, Ltd.

As a producer, I think we are starting to talk about defining something, you know, in a very nice way. But I think we also have to be very realistic. And I know that you shouldn't bring money into an argument among scientists but I think we have to.

What we are really faced with I think now is going from a vaccine which costs literally cents to produce to one which I believe is going to cost dollars to produce. In other words, we are moving into more the viral vaccine type of costing. . . . I think it is all very well for the Canadians and for the U.S. and for Europe, they can afford it. But are we going to put ourselves in a position where we are going to have two vaccines, one for the wealthy and one for the rest? . . . And I would agree with what Dr. Cameron said, that, sure, you can produce a much less toxic product in very low yields, and anyone who has worked on pertussis knows this, you can get a little bit out -- maybe ten percent in which is active -- and you throw the rest away.

Now, yesterday Dr. Sato said from 100 liters you get 20 liters. Now, at the moment from 100 liters of product I can get approximately 200 liters. Now, what you are saying to me as a producer is, you must increase your production another fourfold or fivefold. Now, with the enormous amount of vaccine that is required this is going to pose certain practical problems to many producers.

So I think we have to be realistic about this. I would like to think that what we are going to do is, we are going to have to take people along with us to make them realize that the vaccine can no longer be as cheap as it always has been. (page 11-29 - II-31)

