

Can it be eradicated?

1. Man to man - no insect or other reservoir
2. Infections for brief period only - (past to last scales) - no chronic carrier permanent immunity.
3. No subclinical cases.
4. Spreads slowly
Incubation period
No. of 2° cases from 1° cases.
5. Highly effective vaccine -
3 yrs - No! 15-20 years.

Believe the only disease which can be eradicated in this century.

Dreams of eradicating the, malaria, yellow fever, cholera, etc.
are dreams - and nothing more.

Desire for global SE talked about by many - primary impetus USSR.
1956-1966 SE program was conducted based solely on voluntary contributions.

WHO - 1 staff member in Geneva; none in Regional Offices and 2 or 3 in the field. A few seminars - some consultants to vaccine production laboratories - $1/2 \times 10^6$ doses vaccine distributed annually.

Some progress - N. Africa; Middle East; few countries in SE Asia.

1966 USA/USSR proposed to the Assembly a special budget for SE and proposed that it be decreed a principal program of WHO. If rejected, let's stop talking about eradication.

1966 Development of West Africa program. Initially an ill-conceived measles vaccination program

Program commenced on 1 January 1967. Unit created in Geneva

1. 1st problem vaccine - est. 250 million doses needed.
To buy - on total budget. Decided - ~~donation~~ ^{indigenous production}
 and donation.

- Consultants
- Production equipment
- Testing service.
- Donation to WHO $1 \times 10^6 \rightarrow 35 \times 10^6$
- Bilateral donation USA
USSR

Beginning 1070

Now = all

2. Vaccination devices

2. To define when problem is - ~~to hold the report~~
 To strengthen reporting - surveillance - containment activities in
 non-academic countries - every case is an emergency.

To attack the problem where it exists - by ① Vaccination
 ② Surveillance

30 endemic countries - ~~programs in all except South~~
 (recent d) Plans developed, staff, etc. - now program in all
 except Ethiopia/South Africa - Here 2 to have programs
 by end of this year.

Where are we today?

~~A~~ areas defined.

[slides

At end of ~~3 1/2~~ 3 1/2 years, real progress - now ~~A~~ 6 1/2 to go. Need to
 intensify what has been done. Priority S. America, Africa, Indonesia.