

WORLD HEALTH  
ORGANIZATION

EXPERT COMMITTEE ON SMALLPOX

Geneva, 14-20 January 1964



ORGANISATION MONDIALE  
DE LA SANTÉ

Smallpox/WP/1 ✓  
20 November 1963

ENGLISH ONLY

DRAFT AGENDA

1. Review of the smallpox situation in the world
  - 1.0 Incidence
  - 1.1 Mortality
  - 1.2 Recent epidemics
  - 1.3 Importation of smallpox into smallpox-free countries
  - 1.4 Present state of the eradication campaign
2. Epidemiology
  - 2.0 Factors involved in transmission
  - 2.1 Incubation period
3. Immunology
  - 3.0 Duration of immunity
    - 3.0.0 Produced by smallpox
    - 3.0.1 Produced by vaccination
  - 3.1 Relation between antibody levels and:
    - 3.1.0 Vaccination reactions
    - 3.1.1 Immunity to smallpox
  - 3.2 Relation between potency of vaccine used in vaccination and immunity produced
  - 3.3 Immunity in relation to the number of insertions
  - 3.4 Passive immunization
    - 3.4.0 Human gamma-globulin
    - 3.4.1 Animal gamma-globulin

4. Laboratory aspects

4.0 Smallpox and alastrim

4.1 Diagnostic procedures

4.1.0 Histological methods

4.1.1 Electron-microscopy

4.1.2 Virus isolation

4.1.3 Serological methods in the early stages of the disease

4.1.3.0 Precipitation technique

4.1.3.1 Complement fixation

4.1.3.2 Immunofluorescence

4.1.3.3 Gel-diffusion

4.1.4 Serological methods in the later stages of the disease

4.1.4.0 Complement fixation

4.1.4.1 Haemagglutination inhibition

4.1.4.2 Neutralization

4.2 Collection and dispatch of specimens

5. Vaccines

5.0 General principles of preparation and control

5.1 Different strains

5.2 Animals used for vaccine production

5.3 Egg vaccine

5.4 Tissue culture vaccine

5.5 Liquid and dried vaccines

5.6 Killed and attenuated vaccines

5.7 Importance of potency of vaccines in primary and revaccination

6. Vaccination

- 6.0 Techniques
- 6.1 Preferable age for primary vaccination
- 6.2 Frequency of revaccination
- 6.3 Reactions to vaccination
- 6.4 Complications
- 6.5 Prevention of complications

7. Chemoprophylaxis and chemotherapy

8. Smallpox eradication

- 8.0 Definition of eradication
- 8.1 Eradication campaigns in endemic areas
- 8.2 Measures to be taken in case of outbreaks in countries free from smallpox
- 8.3 International certificate of vaccination or revaccination
- 8.4 Recommendations