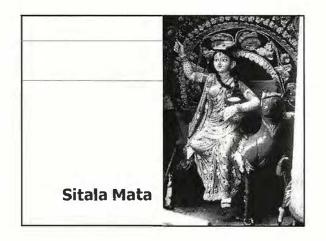
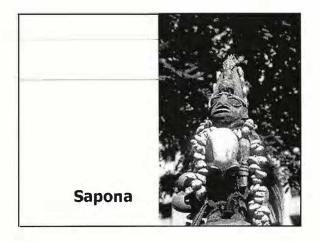
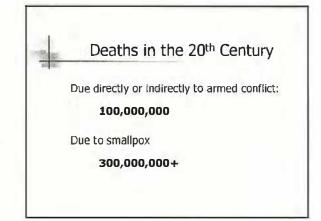
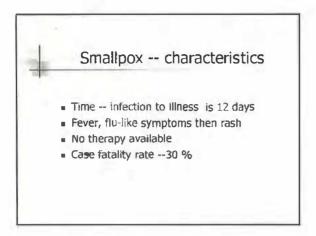
"That disease was the most terrible of all the ministers of death. The horror of the Plague...visited our shores only once or twice within living memory but the smallpox was always present, filling the churchyards with corpses...and making the eyes and cheeks of the betrothed maiden objects of horror to the lover."

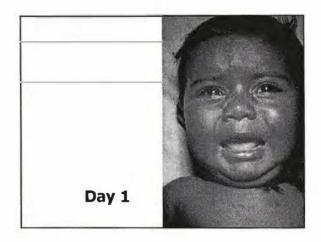
Macauley, A History of England

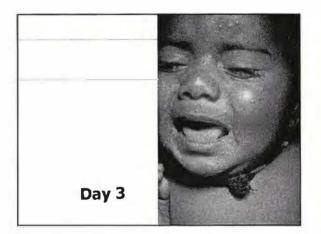




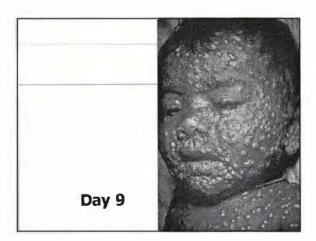


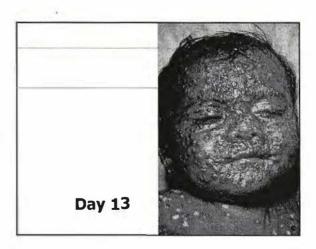


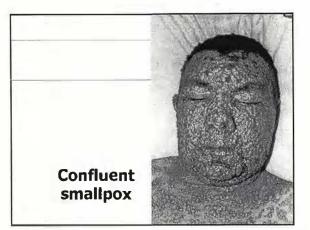


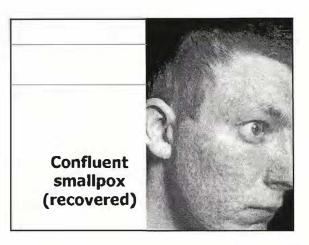








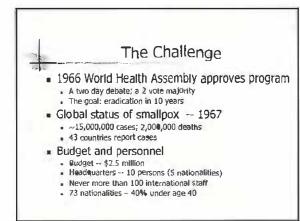


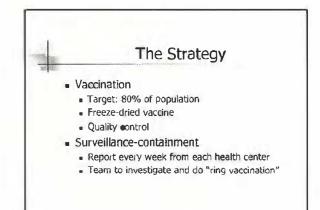


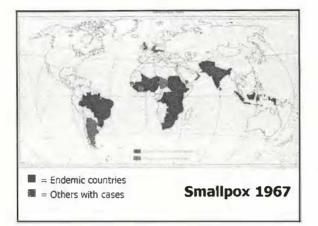


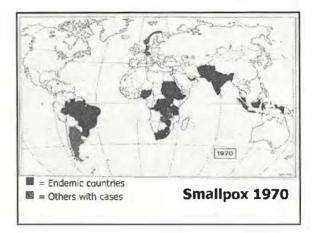
Characteristics Favoring Eradication

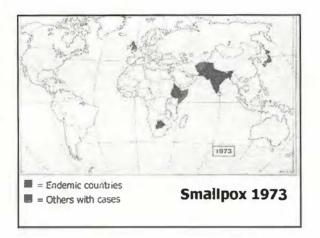
- Only man can be infected
- Not infectious until patient is ill and with rash
- Virus spreads by face-to-face contact
- Permanent immunity after recovery
- Surveillance is comparatively simple
 All infected patients have obvious rash
- Vaccine provides long-lasting protection



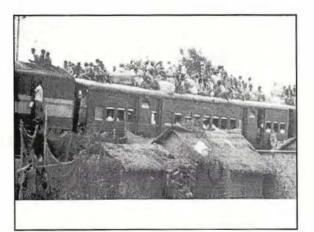




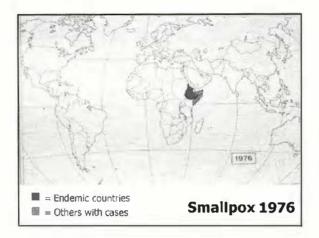


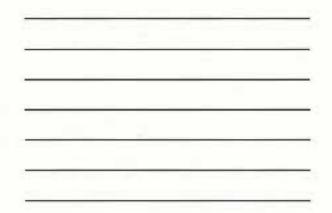


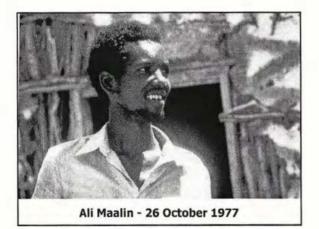


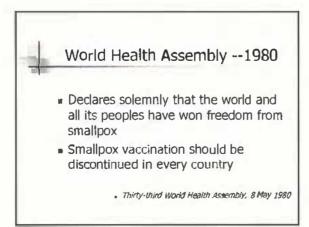


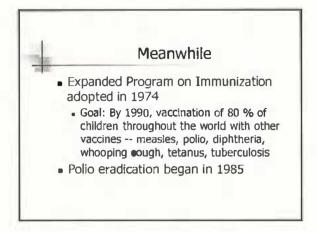


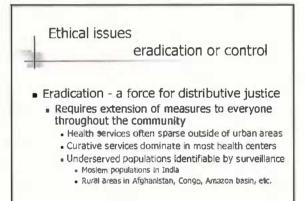


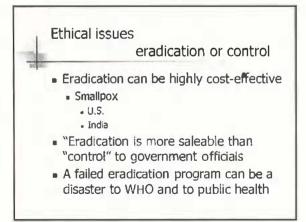


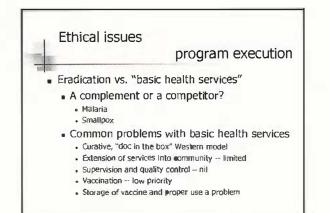


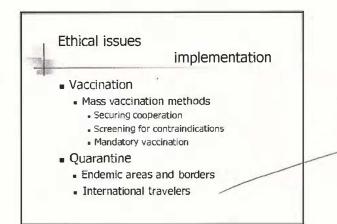


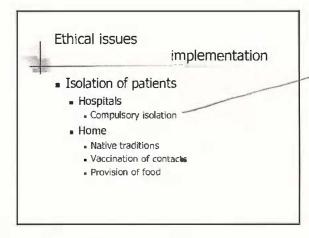






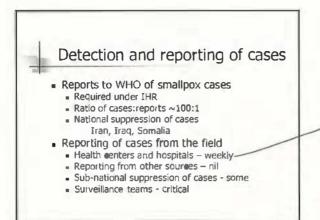






- Nide cases

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Detection and reporting of cases

- Techniques that improved reporting
 - Program directors assume responsibility for speed and accuracy of reports
 - At WHO, Smallpox Unit is made responsible for data
 - Surveillance teams investigate and contain outbreaks
 - Frequent field supervision at all levels by senior staff
 - Regular, widespread dissemination of surveillance reports showing current data on cases
 - Rewards to person reporting a case and the health worker who investigated (beginning 1974)



- Current reports and public communication
- Network of epidemiological/lab centers with multi-national support and staffing
 - National epidemiological response teams
 - Education and training programs
- Legal provisions not a primary issue

