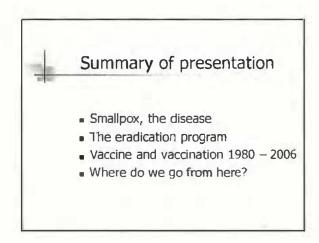
Smallpox:

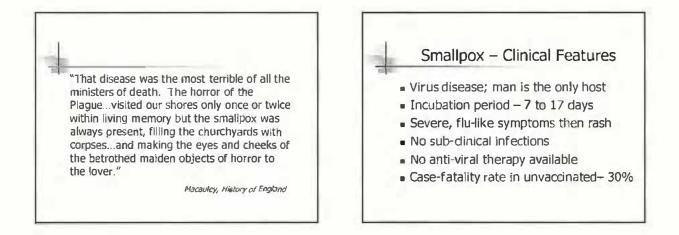
The Threat, the Response and New Vaccines

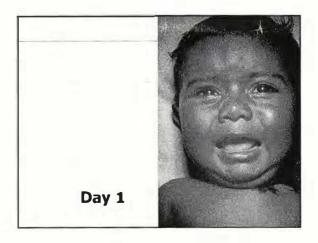
Mayo Clinic Grand Rounds

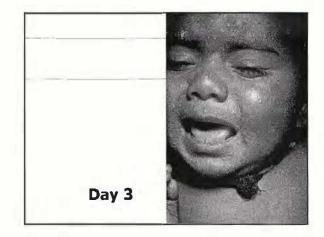
July 12, 2006

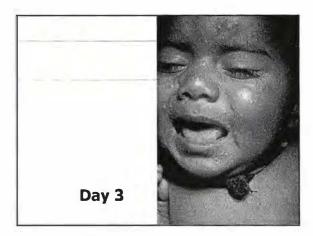
D.A.Henderson, MD, MPH Center for Biodecurity U. of Pittsburgh Medical Center

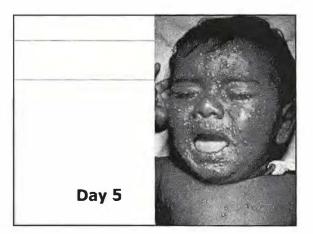


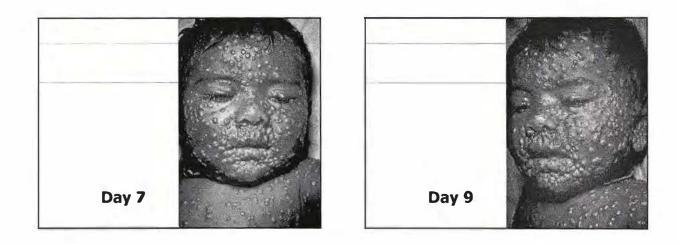


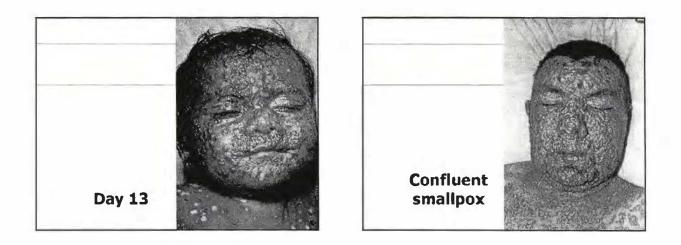


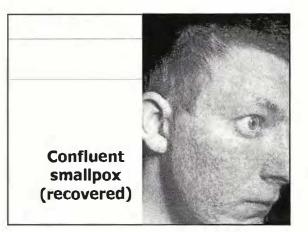




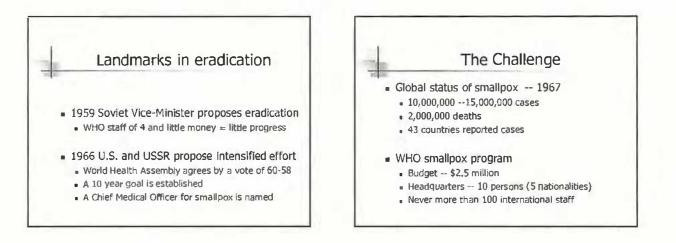


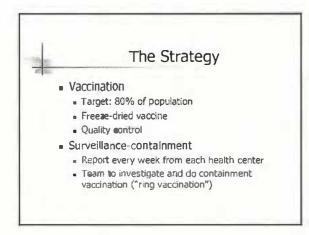


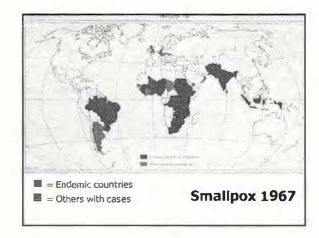


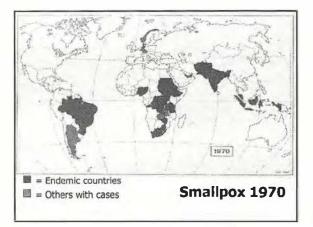


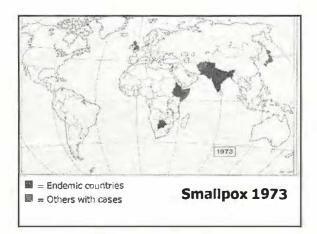


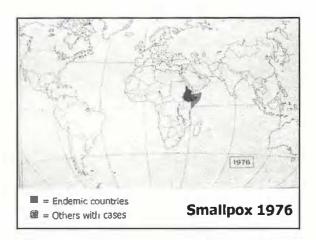




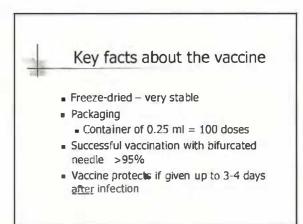


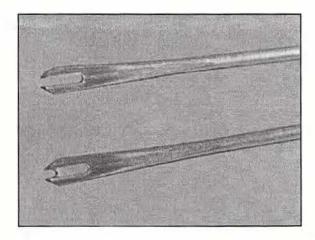


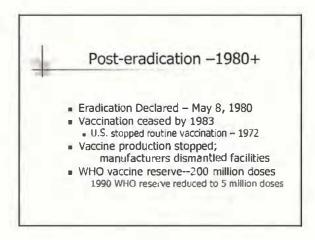


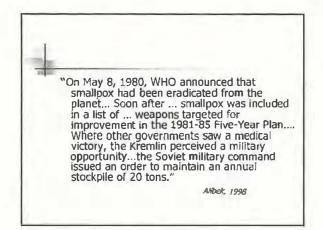


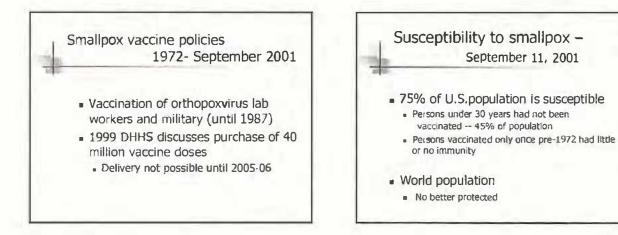


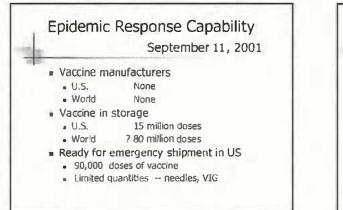


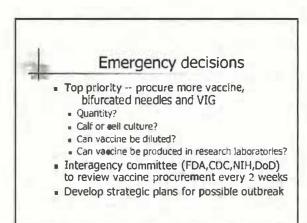


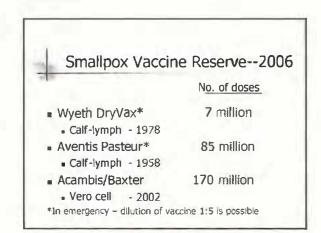


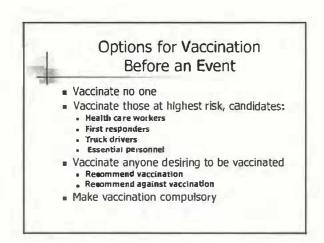




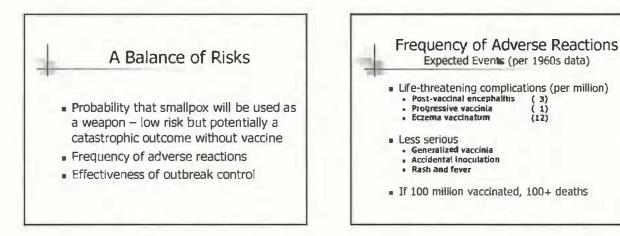


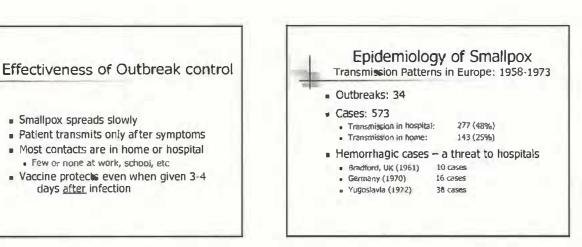


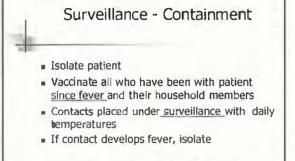




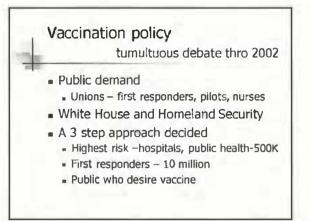
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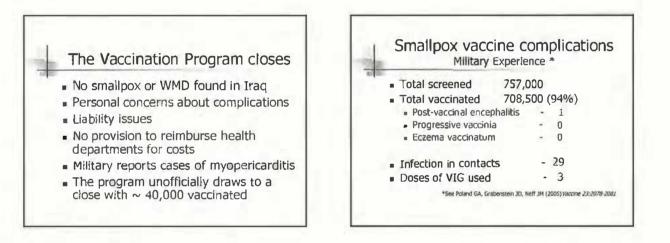


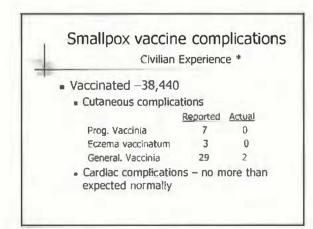


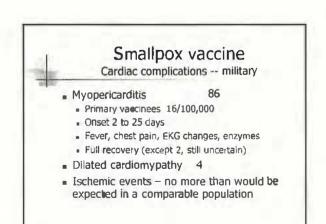


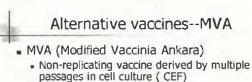
No compulsory vaccination; no quarantine



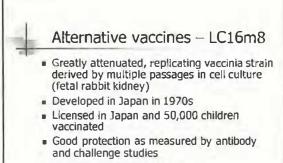




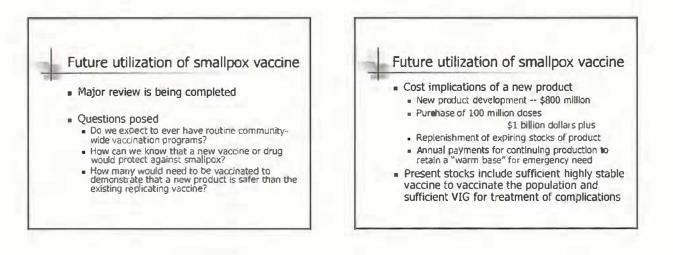


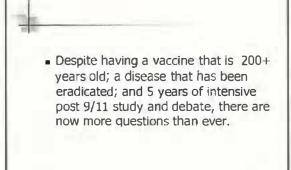


- Developed in Germany in 1960's
- Good protection as measured by antibody and challenge studies
- Phase 2 studies in progress
- RFP issued by DHHS for purchase of enough to vaccinate 10 to 60 million persons



Phase 2 studies in progress





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