

Admission

4 April 79

Sverdlovsk - industrial city in the Ural

2 women employees of a ceramics factory developed fever, shortness of breath, cough, headache - seen by physicians and sent home

SLIDE

Over the next four days - another 3 cases became ill - all deaths - living or working in area 1/2 mi 3 miles south of a military facility (at the time no one thought this was a problem)  
~~within 1-2 days~~ - the patients ~~all~~ suddenly became much worse - high fever, weakness, oppressive chest pain followed by shock & death.

SLIDE

9 April meet called

SLIDE 10 April Autopsy showed bleeding over the brain - "bacterial cap".

ANTHRAX - a disease unknown to the city and to the physicians.

Eventually - upwards of 100 cases and 70+ deaths.

PATHOGENESIS

Rumors spread since reached the West ~~and~~ <sup>and</sup> some said it was the result of accident. ~~people eating contaminated meat.~~

1972

Brownings Convention

WW I/II - Japan.

U.S. / Britain / Canada / Russia - 5 groups.

Concern re: Russia - defector in 1985

1992 - U.S. team <sup>joined Russian to</sup> investigate epidemic still contaminated meat.

K6B

autopsy specimens of animal  
 about 30 meters  
 long in storage

like 92 Ken Akiba defected -

SLIDE PAST VIEWS OF BIOY.

note: my background

SLIDE CHANGE IN PERCEPTION

SLIDE RUSSIAN LISTING.

SLIDE PATH ORGANS

~~SLIDE~~ ~~SLIDE~~ ~~SLIDE~~ Meschede.

Agostina

SLIDE SMALL POX

4 SLIDES VACCINATION

4 SLIDES MESCHEDA

4 SLIDES KOSOVO

world free  
 planning

Smallpox in the U.S.

~~It was the~~ 1st nation - BW program.

Not a nation state

Who? - Not an amateur group - why?

Monarchical leaders (a change)  
 once isolated groups - now  
 Communication - transportation

Access to expertise and materials.

Bottom line - bio. results in an epidemic.

Medicine & public health are critical.  
 Recombinant