

Anthrax (*Bacillus Anthracis*)

TEEX WMD PER 305

Endospore

3 presentations

1. Cutaneous
2. Gastrointestinal – rare
3. Inhalation

Meningial – rare

Not considered a contagion

Growing bacterium

Dormant spore – survive decades

LF Lethal Factor – exotoxin

PA Protective Antigen – moiety binding

EF Edema Factor – exotoxin

Contraction

Skin break

Incubation 3-5 days

Sign papule – vesicule – eschar

Areas head, neck, extremities

Treatment – antibiotic

Inhalation 2-6 days

Category A agent

Soap and water

Bleach

Chlorine dioxide

PPE

Hepa mask

Body substance isolation

Respirator or PARR

Tyvek coverall

Type A coverall