

Suspected Anthrax Treatment Plan

Revised 8 March 02

Per CDC guidelines:

- MMWR 10/26/01
- MMWR 11/2/01
- MMWR 11/16/01

① Likelihood of Exposure

- any local cases documented?
- direct exposure expected?
- expected ventilation breach?
- hx/exam findings c/w exposure?
- postal worker?
- other suspicious factors?

POSSIBLE SYMPTOMS

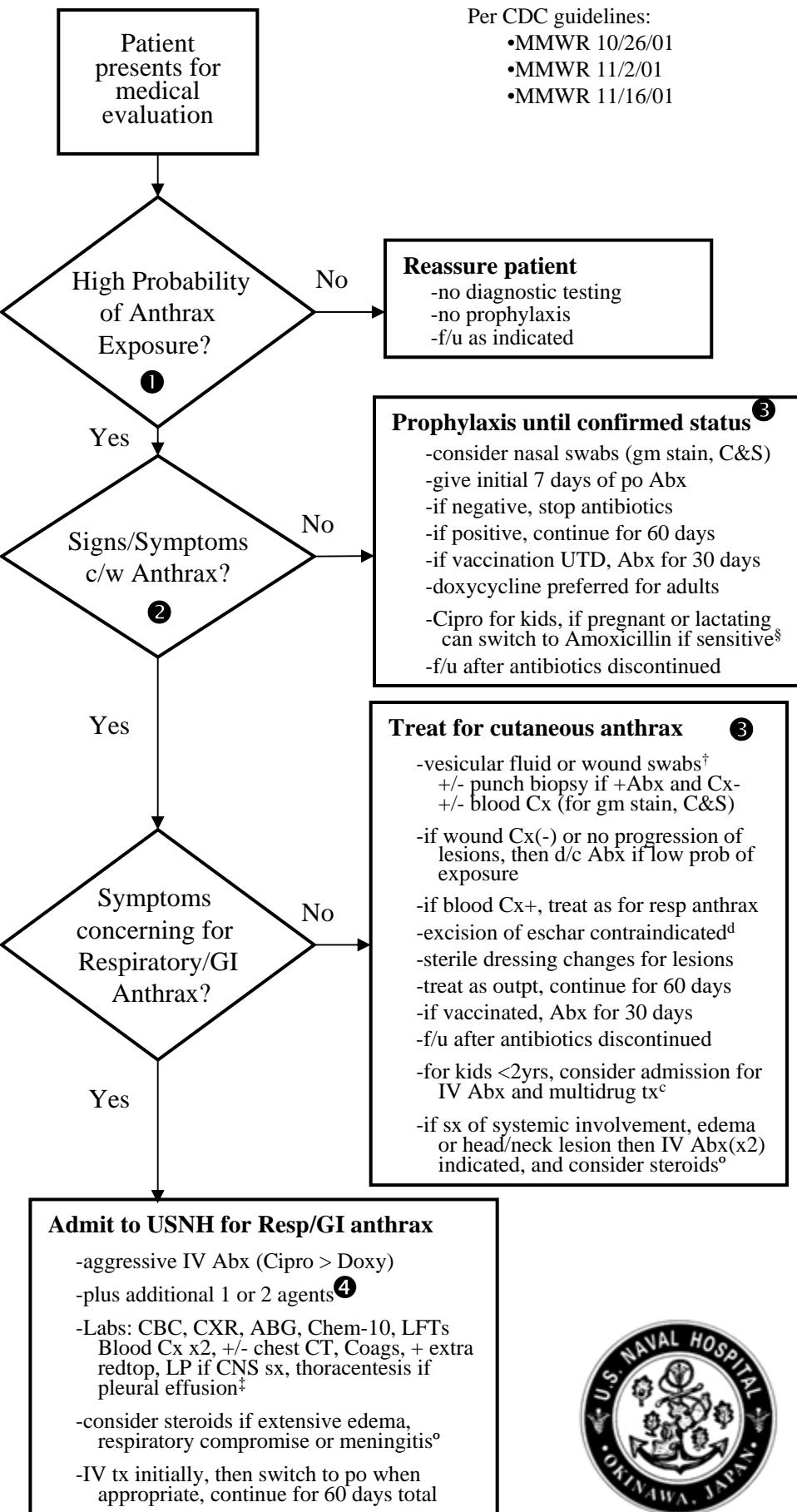
②

Cutaneous:

- raised itchy bump
- blister or boil
- open wound with black center/scab
- surrounding redness or swelling
- large lymph nodes

Respiratory/GI:

- fever or chills
- headaches or muscle aches
- fatigue or malaise
- nausea, vomiting, diarrhea
- abdominal pain
- cough (nonproductive)
- chest discomfort
- shortness of breath



Outpatient Antibiotic Therapy for Anthrax^a

③

Adults Ciprofloxacin 500mg q12 hrs
(Pregn/Immunocompr) or
 Doxycycline 100 mg q12 hrs

Children Ciprofloxacin 10-15 mg/kg q12 hrs*
 or
 Doxycycline
 >8yrs and >45kg: 100mg q 12 hrs
 >8yrs and <45kg: 2.2mg/kg q 12 hrs
 <8yrs: 2.2 mg/kg q 12 hrs

④ Additional Antimicrobial Agents^a

- ★ Rifampin (po)
- ★ Vancomycin (iv)
- ★ Clindamycin (iv/po)
- Imipenem
- Chloramphenicol
- Clarithromycin
- PCN/Ampicillin



* Cipro dose in kids not to exceed 500 mg po BID^a

§ Amoxicillin 500mg po TID (for adults); 80 mg/kg/d ÷TID (for kids) ^{a,b,c}

† Use dry swab for culture of unroofed vesicle, use wet swab for base of ulcer, edges or underneath eschar. Consider punch biopsy if high clinical suspicion but culture negative, or if on antibiotics. Punch biopsy should be submitted in formalin.

‡ Pleural effusions are usually large, hemorrhagic, and recurrent; often requiring repeat thoracentesis vs. chest tube placement.

° Steroid recommendations: Adults: Dexamethasone 0.75 - 0.90 mg/kg/d (po/iv/im) ÷ QID, or Prednisone 1-2mg/kg qDay^d
Children: Dexamethasone 0.25 - 0.5 mg/kg every 6 hrs, or Prednisone 0.5-2mg/kg/day^d

^a per reference A

^b per reference B

^c per reference C

^d per reference D

Reference A: MMWR: 50(42):909-919, Oct 26, 2001

Reference B: MMWR: 50(43):941-948, Nov 2, 2001

Reference C: MMWR: 50(45):1014-16, Nov 16 ,2001

Reference D: NEJM 341(11): 815-26, 1999

Cipro Dosing for Pediatric Patients

Weight (#)	Weight (kg)	Cipro Dose	
10	4.5	50 mg po BID	sol'n
20	9.1	125 mg po BID	sol'n
30	13.6	150 mg po BID	sol'n
40	18.2	250 mg po BID	tabs
50	22.7	250 mg po BID	tabs
60	27.3	375 mg po BID	tabs
70	31.8	375 mg po BID	tabs
80	36.4	500 mg po BID	tabs
90	40.9	500 mg po BID	tabs
100	45.5	500 mg po BID	tabs