



# County of Yolo

## HEALTH DEPARTMENT

**Bette G. Hinton, M.D. M.P.H**  
**Director – Health Officer**

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# Memo—This is only a Drill!

To: Primary Care Provider

From: Dr. Bette Hinton

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Client Name: \_\_\_\_\_ DOB: \_\_\_\_/\_\_\_\_/\_\_\_\_

Re: Medication Dispensed in a Public Health Emergency: Anthrax Exposure

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Due to a possible exposure to anthrax spores at \_\_\_\_ (name of site) \_\_\_\_\_ on  
\_\_\_\_\_ (address of exposure) \_\_\_\_\_, your patient was seen at a  
public health dispensing site in the \_\_\_\_\_ (location of dispensing site) \_\_\_\_\_ on the date  
above.

Upon completion of a brief screening for exposure and risk of health and medication  
contraindications, the following antibiotic was indicated and dispensed by the Health  
Department:

\_\_\_ **Ciprofloxacin 500 mg tablet PO BID x 10 Days #** \_\_\_\_\_  
\_\_\_ **Doxycycline 100 mg tablet PO BID x 10 Days #** \_\_\_\_\_  
\_\_\_ \_\_\_\_\_ x \_\_\_ **Days #** \_\_\_\_\_

If laboratory testing is confirmed for anthrax by the CDC, exposed persons will be provided  
additional antibiotics necessary to complete a 60-day course of antibiotics.

### **Possible medication interactions:**

Serum levels of certain medications may be altered. Levels should be checked 3-5 days  
following the start of antibiotics. Some examples are listed below:

#### *Interactions with doxycycline and fluoroquinolones*

- Warfarin (Coumadin) effect may be enhanced. Check PT/INR and decrease dose if needed
- Probenecid (Benemid) will increase antibiotic levels; stop until antibiotic regimen is completed.
- Methotrexate toxicity may occur. Monitor for methotrexate associated toxic reactions.

-continued on back-

*“Investing In Our Community’s Future”*

*Doxycycline drug interactions*

- ❑ Isotretinoin (Accutane) may cause a slight risk of pseudotumor cerebri. Stop if headache develops.

*Fluoroquinolone drug interactions*

Fluoroquinolone dose may need adjustment based on creatinine clearance.

- ❑ Theophylline levels increase. Your patient was advised to decrease the theophylline dose by one-half.
- ❑ Ropinirole effects may be increased resulting in toxicity.
- ❑ Dilantin levels may increase or decrease. Check level and adjust as needed.
- ❑ Cyclosporine plus Cipro may result in increased serum creatinine. Check renal function.
- ❑ Glyburide plus Cipro rarely results in severe hypoglycemia. Monitor blood sugar initially.

Thank you for your assistance in this matter.

**For questions, call the Yolo County Health Department at 530-xxx-xxxx OR  
\_\_\_\_\_ at 1-800-xxx-xxxx.**