

Pharmacology Practice

Pediatric Evening

1. The doctor orders Phenytoin 34mcg po 3 times a day. The child weighs 16lbs. The safe range for Phenytoin is 10-12 mcg/kg/day. What is the safe range for 24 hours? _____ Is this a safe dose? _____
2. Order Septra 650mg times one dose. Child weighs 24kg. The therapeutic dose is 20mg/kg/dose. What is the therapeutic dose? _____ Is this a safe dosage? _____
3. The doctor orders Dilantin 80mg three times a day. The child weighs 35lbs. The safe maintenance dosage range is 5-10mg/kg/day divided between 2-3 doses. What is the safe range? _____ Is this dose in the safe range for this child? _____
4. The physician orders Digoxin 65mg po q.i.d. The child weighs 50 lbs. The safe range for this medicine is 10-12mg/kg/day. What is the safe range for this medicine? _____ Is this a safe dose for this child? _____
5. The ARNP orders Prednisone 100mg po bid. The child weighs 28.5 lbs. The safe range for this medicine is 10-40mg/kg/24hours. What is the safe range for this medicine? _____ Is this an safe dose? _____
6. The doctor orders Demerol 1mg/kg IM every 4 hours as needed for pain. The child weighs 67 lbs. Demerol comes in 50mg/ml. How many mls will you give? _____
7. Augmentin 20mg/kg PO every 12 hours is ordered. The child weighs 32.5 lbs. When reconstituted Augmentin yields 125mg/ml. How many mls will you give? _____
8. A physician orders Amoxicillin 3tabs t.i.d for 10 days. Each tab is 100mg. The child weighs 90lbs. The therapeutic range for amoxicillin is 15-20mg/kg/day. Is this dose therapeutic for this child? _____
9. A physician orders a single dose of Ceftriaxone 25mg/kg IM. The child weighs 18.2lbs. The medication comes in a bottle 250mg/ml. How many mls will you give? _____
10. Order: Acetaminophen elixir 10mg/kg po.
Child weight is 110 pounds. Available: Acetaminophen elixir 160mg/5ml.
How much Acetaminophen will you administer? _____