

Imperial Valley College
Division of Nursing Education and Health Technologies
NURS

Study Guide

Peds

1. Child weighs 13.2 lbs. The MD orders Pen G 125 mg po q 8 hr. The pharmacy supplies Pen G Susp. 100 mg = 2.6 mL. The maximum safe dose is 35 mg/Kg/day.
- a. wt. in Kg _____
- b. total dose/24 hrs _____
- c. dosage/one dose _____
- d. volume/one dose _____
- e. is it safe? _____

2. Child weighs 22 lbs. The MD orders Cloxacillin 15 mg/Kg po q 8 hr. The pharmacy supplies Cloxacillin Susp. 90 mg = 4 mL. The maximum safe dose is 35 mg/Kg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

3. Child weighs 15.6 lbs. The MD order Benadryl 2.5 mg/Kg/day po in 2 equal doses. The pharmacy supplies Benadryl Liquid 25 mg = 5 mL. The maximum safe dose is: (1) for a child <10 Kg = 75 mg/day; (2) for a child 10 Kg - 20 Kg = 100 mg/day.

a. wt. in Kg _____

b. total dose/24hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

4. Child weighs 35.2 lbs. The MD orders Keflex 100 mg/Kg po q 12 hr. The pharmacy supplies Keflex Susp. 50 mg = 2.2 mL. The maximum safe dose is 1000 mg/day.

a. wt. in Kg _____

b. total dose/24hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

5. Child weighs 66 lbs. The MD orders Dicloxacillin 20 mg/Kg po q 6 hr. The pharmacy supplies Dicloxacillin Susp. 10 mg = 5 mL. The maximum safe dose is 35 mg/Kg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

6. Child weighs 11 lbs. The MD orders Keflex 10 mg/Kg po q 12 hr. The pharmacy supplies Keflex Susp. 10 mg = 5 mL. The maximum safe dose is 15 mg/Kg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

7. Child weighs 11 lbs. The MD orders Keflin 250 mg IM q 12 hr. The pharmacy supplies Keflin 1 Gm vials with the instructions to add 4 mL to yield a solution of 250 mg = 1 mL. The maximum safe dose is 75 mg/Kg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

8. Child weighs 13.2 lbs. The MD orders Benadryl 5 mg/Kg/day po in 3 equal doses. The pharmacy supplies Benadryl Liquid 10 mg = 5 mL. The maximum safe dose is: (1) for a child < 10 Kg = 60 mg/day; (2) for a child 10-20 kg = 90 mg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

9. Child weighs 28.6 lbs. The MD orders Aspirin 10 mg/Kg po q 8 hr. The pharmacy supplies Aspirin Susp. 20 mg = 2 mL. The maximum safe dose is 30 mg/Kg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

10. Child weighs 15.4 lbs. The MD orders Sudafed 20 mg/Kg/day in 2 equal doses po. the pharmacy supplies Sudafed Liquid 5 mg = 1 mL. The maximum safe dose is 25 mg/Kg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

11. Child weighs 35.2 lbs. The MD orders Ampicillin Suspension 250 mg po q 8 hr. The pharmacy supplies Ampicillin Suspension 120 mg = 5 mL. The maximum safe dose is 40 mg/Kg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

12. Child weighs 33 lbs. The MD orders Mefoxin 80 mg/Kg/day IM in 3 equal doses. The pharmacy supplies Mefoxin 1 Gm vials with the instructions to add 10 mL NaCl to yield solution of 500 mg = 5 mL. Maximum safe dose is 1500 mg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

13. Child weighs 46.2 lbs. The MD orders Dexadrine 1 mg/Kg/day po in 2 equal doses. The maximum safe dose is 25 mg/day. The pharmacy supplies Dexadrine in 5 mg, 2 mg and 1 mg scored tablets. (Choose the most appropriate volume per dose since this is a child.)

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____

14. Child weighs 5.5 lbs. the order is Vit. B₃ 10 mg/Kg/day IM in 2 equal doses. The supply is Vit. B₃ 50 mg/mL. The maximum safe dose is 20 mg/day.

a. wt. in Kg _____

b. total dose/24 hrs _____

c. dosage/one dose _____

d. volume/one dose _____

e. is it safe? _____