

PEDIATRIC CALCULATIONS

Example: A child weighing 76 lbs. is ordered to receive 150 mg of Clindamycin every six (6) hours. The recommended pediatric dose is 8-20 mg/kg/day in four divided doses. The Clindamycin is supplied in 100 mg scored tablets.

1. What is the weight in kg?
2. What is the safe total daily dose?

Minimum:

Maximum:
3. Is a safe dose ordered?

YES NO
4. Calculate the number of tablets to give for each dose.
5. The Microdrip tubing has a drop factor of _____ drops per milliliter.
6. Ordered: D5W 500 ml to infuse in 12 hours. The drop factor of your tubing is 15gtts/mL. How many drops per minute would you infuse?
7. A 7-year-old child who weighs 28 kilograms is to receive 56 mg loading dose of SoluMedrol intravenously. SoluMedrol is available in 125 mg /2 mL vial. How many milliliters should the nurse administer.