
Pediatric Medication Calculations, Calculation Quiz I, IV dosage calculation practice test, HESI Dosage Calculations Practice Exam, Intravenous (IV) calculations, Intravenous Calculations, Questions With Complete Solutions

convert :20 pounds 5 ounces to kilogram correct answer: 1st: need to convert 5 ounces to a fraction of a pound 5 divided by 16=0.31

2nd: 20.31 pounds divided by 2.2=9.23 kg

Note: medication would be calculated based on 9.23 kilograms
DO NOT ROUND TO 9.2

Pediatric specific Calculations correct answer: Mg / Kg dosing based on Weight (Kg)

Safe dosing ranges

IV pediatric infusion rates

IV administration of meds via IV pump or Syringe pump.

24 hour fluid calculation

child: 5 years: weight 44 lbs

order: famotidine (pepcid) 5 mg IV bid

Drug guide: 0.25 mg/Kg q 12 hr IV up to 40mg/day. correct answer: Convert lb t kg: 44 kg= 20 kg

Determine safe dose:

$20 \text{ kg} * 0.25 \text{ mg} = 5 \text{ mg}$

5 mg is safe meets mg/kg rule and does not

Exceed 40 mg/day

5 mg bid= total of 10 mg/day

Practice Pediatric Medication Test

VM Jensen



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