

Nursing Dosage Chart Cheat Sheet

Dosage Conversion Chart	
Milligrams (mg) and Micrograms (mcg) 1 mg = 1000 mcg 1 mcg = 0.001 mg	Grams (g) and Milligrams (mg) 1 g = 1000 mg 1 mg = 0.001 g
Milliliters (mL) and Drops 1 mL = 20 drops (approximate for medical use) 1 drop = 0.05 mL	Liquid Volume: Teaspoons, Tablespoons, and Milliliters 1 teaspoon (tsp) = 5 mL 1 tablespoon (tbsp) = 15 mL 1 oz = 30 mL 1 mL = 0.0338 oz 1 mL ≈ 20 drops (medical approximation)
Liters (L) and Milliliters (mL) 1 L = 1000 mL 1 mL = 0.001 L	
IV Drip Rate Formulas	
Drops per Minute $\text{Drops/min} = (\text{Total Volume in mL} / \text{Time in hours}) \times \text{Drop Factor}$ Drop Factor: commonly 10, 15, 20, or 60 drops/mL	IV Flow Rate $\text{Flow Rate (mL/hr)} = \text{Total Volume in mL} / \text{Time in hours}$
Dosage Based on Drug Concentration	
$\text{Dosage (mg)} = \text{Volume (mL)} \times \text{Concentration (mg/mL)}$	
Infusion Rate (For medications in infusion)	
$\text{Rate (mL/hr)} = (\text{Desired Dose} / \text{Drug Concentration}) \times 60$	
Pediatric Dosage Calculations	
Based on Weight <ul style="list-style-type: none"> Dosage (mg/kg/day) = (Patient's Weight in kg) x (Dosage per kg) Divide total daily dosage into appropriate frequency: Dosage (mg/kg/day) / Frequency of administration: 	
Body Surface Area (BSA) for Dosage Calculations	
Mosteller Formula: $\text{BSA (m}^2\text{)} = \sqrt{[(\text{Height in cm} \times \text{Weight in kg}) / 3600]}$	

Additional Notes

Make sure to adjust dosages of patients' drugs if status changes.