Nursing Formula Sheet

Study Development Quick Guide

## Dosage Calculations

Tablet dose (tablets) = $\frac{dose prescribed (mg)}{dose in stock (mg/tablet)}$

Suspension dose (ml) = $\frac{dose prescribed (mg)}{dose in stock (mg)}$ x stock volume (ml)

## Dosage Calculations per kg of Bodyweight

Daily dose (mg or ml) = patient weight (kg) x dosage for one day ((mg or ml)/kg/day)

Single dose (mg or ml) = $\frac{dose ((mg or ml)/dose)}{number of doses in a given time period (doses/day)}$

Dose volume (ml) = $\frac{single dose (mg)}{concentration of drug (mg/ml)}$

## Infusion Calculations

Volume of fluid given per hour (ml/hour) = $\frac{Volume of fluid (ml)}{Time (hours)}$

Volume of fluid given per minute (ml/minute) = $\frac{Volume of fluid (ml)}{Time (hours) × 60 (minutes/hour)}$

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