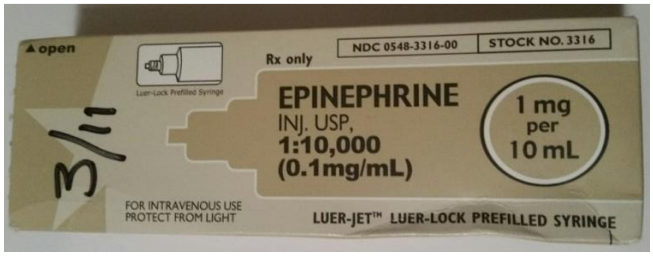
Advanced Life Support Medication Calculation Drill
Drill 1
[Images below are not to scale]

Newborn Resuscitation / PEDS ALLERGIC Reaction ANAPHYLACTIC Shock / PEDS ASTHMA

If HR remains < 60/min despite warming, stimulation, 15 L 02/BVM and chest compressions:

EPINEPHRINE (1:10,000) 0.01 mg/kg (0.1 mL/kg) IVP/IO. If arrest: immediate IO if no other IV access in place.



1 mg in 10 mL

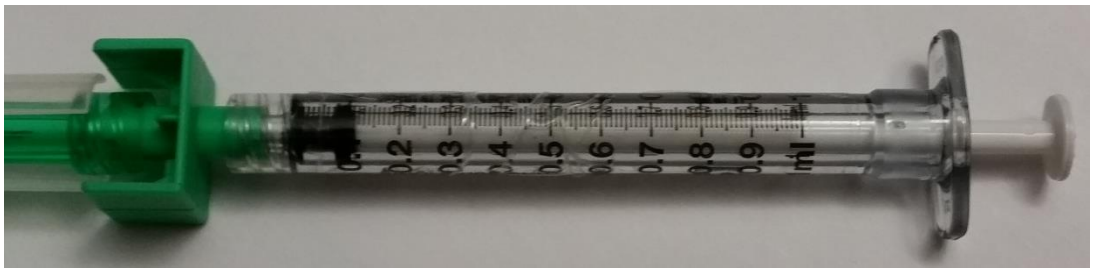
Gramm: 9 lb infant

Administer _____ (SMO dose) x _____ (Weight in whole # kg) = _____ (Desired dose)

Desired dose _____ / Dose in container _____ x Vol. in container _____ = _____ (Vol. to administer)

[All blanks must be filled in clearly with correct unit (kg, mg, mL, etc.). Round Vol. to administer to nearest tenth mL]

Shade in syringe to represent ***approximate volume drawn from preloaded syringe:***



This is intended to be used only as a study aid. This is not to be used as standard operating procedures or standing medical orders (SOPs/SMOs) in whole or in part. Providers must refer to and follow their complete applicable SOPs/SMOs under Online Medical Control.

Advanced Life Support Medication Calculation Drill
Drill 2
[Images below are not to scale]

PEDS ASTHMA SEVERE distress persists [following Epinephrine and Albuterol]:

MAGNESIUM 25 mg/kg (max 2 Gm) mixed with NS (to total volume of 20 mL) slow IV/IO over 10-20 minutes .Put gauze or moistened in cold water or cold pack over IV site to relieve burning.

1 G ***(1,000 mg)*** in 2 mL

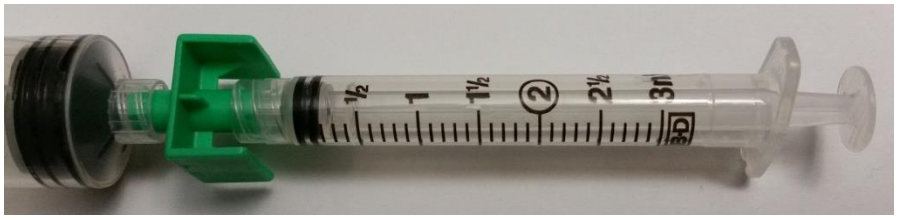
A.J.: 50 lb 6 y/o

Administer _____ (SMO dose) x _____ (Weight in whole # kg) = _____ (Desired dose)

Desired dose _____ / Dose in container _____ x Vol. in container _____ = _____ (Vol. to administer)

[All blanks must be filled in clearly with correct unit (kg, mg, mL, etc.). Round Vol. to administer to nearest tenth mL]

Shade in syringe to represent ***approximate volume of MAGNESIUM ready to transfer to second syringe for mixing with NS to total volume of 20 mL:***



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