


Section: ALS Quick Reference Guides
Subject: INFUSION RATES - PEDIATRIC
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Michael Lozano, Jr., M.D., HCFR Medical Director

IV INFUSION RATES – PEDIATRIC

(All drips are based on the use of a 30 mL syringe)

Epinephrine 0.1 mcg/kg/min

1. Place 0.5 mg of 1:10,000 solution in 50 mL bag of D₅W
2. Draw up 30 mL from 50 mL bag/concentration = 0.01 mg/ml or 10 mcg/ml
3. Begin drip at 0.1 mcg/kg/min

Lidocaine 20 mcg/kg/min

Pre-mixed bag concentration is 4 mg/ml

1. Draw up 30 mL from pre-mixed bag
2. Infuse at 20 mcg/kg/min

Magnesium Sulfate

40 mg/kg over 30 min

1. Draw up desired amount of Magnesium Sulfate (see weight based chart) in a 30mL syringe

Weight (kg)	Amount	Volume
5	200 mg	0.4 mL
10	400 mg	0.8 mL
15	600 mg	1.2 mL
20	800 mg	1.6 mL
25	1000 mg	2.0 mL
30	1200 mg	2.4 mL

2. Draw up saline to a total volume of 30 mL in the syringe
3. Infuse over 30 min (volume/time)