

Magnesium Sulfate

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Calcium Gluconate

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Procainamide

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Sodium
Bicarbonate

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Pediatric Dosage

ACTION:

Reverse magnesium toxicity

DOSE: (10% = 100 mg/mL)

60-100 mg/kg (0.6-1.0 mL/kg) IV/IO (9 mg/mL elemental Ca)

NOTES:

Give slow IV push to hypocalcemia, hypermagnesemia, calcium channel blocker toxicity, preferably via central vein

Pediatric Dosage

ACTION:

Electrolyte and bronchodilator for Asthma,
Torsade de pointes, Hypomagnesemia

DOSE: (500 mg/mL)

(500 mg/mL for injection)

Torsade de Point (pulseless), IV/IO 25-50 mg/kg bolus (max dose 2 g)

NOTES:

10-20 min IV infusion for torsades de point (w/ pulse) or 15-30 minute slow infusion suspected hypomagnesemia, status asthmaticus

Pediatric Dosage

ACTION:

Alkalinizing agent, electrolyte for Metabolic Acidosis, Hyperkalemia and sodium channel blocker overdose

DOSE:

(1 mEq/mL and 0.5 mEq/mL)

V/IO: 1 mEq/kg per dose

NOTES:

Infuse slowly and only if ventilation is adequate.

Pediatric Dosage

ACTION:

Antiarrhythmic: SVT, Atrial Flutter, VT (w pulses)
for perfusing tachycardia's (100 mg/mL and 500 mg/mL)

DOSE:

15 mg/kg IV/IO load over 30-60 min

NOTES:

Monitor blood pressure & ECG continuously w/ focus on QT interval.
Monitor procainamide and NAPA concentrations