



POLICY PEDIATRIC M11 MEDICATION POISONINGS

Effective Date : November 18, 2018

Last Review: New Policy

Next Review: November 2020

Authority: Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9

DEFINITION:

Known or suspected drug overdose, poisoning, or accidental ingestion. Common symptoms include weakness/dizziness, mild confusion, syncope, unconsciousness, bradycardia, hypotension, arrhythmias/widening QRS and seizures.

Beta Blockers-Metoprolol/Lopressor/Troprol, Labetalol/Esmolol, Carvedilol/Coreg, Atenolol/Tenormin (amongst others)

Calcium Channel Blockers-Norvasc/Amlodipine, Diltiazem/Cardizem, Nifedipine/Procardia, Verapamil/Calan (amongst others)

Tricyclic Antidepressants-Amitriptyline, Doxepin, Imipramine, Nortriptyline, Trimipramine (amongst others)

BLS TREATMENT:

OXYGEN: as appropriate, goal to maintain SPO2 at least 94%, Assist ventilations as necessary.

VITALS: assess vitals.

BLOOD SUGAR CHECK: test blood sugar and treat as appropriate.

ALS TREATMENT:

OXYGEN: as appropriate, goal to maintain SPO2 at least 94%; secure airway & assist ventilations as necessary.

VITALS: assess vitals.

MONITOR: treat rhythm as appropriate.

BLOOD SUGAR CHECK: test blood sugar and treat as appropriate.

IV/IO ACCESS: If patient is hypotensive, according to length based assessment tape; establish 2 large bore IV/IO's and administer **20ml/kg** bolus. Reassess patient after bolus. Repeat as necessary at **10ml/kg** bolus up to **MAX OF 40ml/kg** has been given.

CALCIUM CHANNEL BLOCKERS & BETA BLOCKER POISONINGS

PUSH DOSE EPINEPHERINE - 10mcg (1ml) slow IV push every 1-5 minutes for hypotension & patient not responding to previous treatment.

TRICYCLIC ANTIDEPRESSANT POISONINGS

SODIUM BICARBONATE: 1 mEq/kg slow IV push for cardiac dysrhythmia or QRS complex wider than 0.10 sec Repeat as necessary. Max total dose is 2mEq/kg

MIDAZOLAM: 0.1mg/kg IN/IV/IO/IM; max single dose of 1mg to control status Seizure. Repeat doses up to a maximum total of 5 mg

PUSH DOSE EPINEPHERINE - 10mcg (1ml) slow IV push every 1-5 minutes for hypotension & patient not responding to previous treatment.

PUSH DOSE EPINEPHRINE SOLUTION MIXING INSTRUCTIONS

- Take Epinephrine 1:10,000 concentration (1 mg/10 ml) and waste 9 ml of Epinephrine
- In same syringe draw 9 ml of saline from the patients IV bag & shake well
- Mixture now provides 10 ml of Epinephrine at 10mcg/ml (0.01 mg/ml) concentration
- Label syringe Epi 10mcg/ml

Refer to length based assessment tape for drug doses and proper equipment sizes.



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