

Monterey County EMS System Policy



Protocol Number: EP-5
Effective Date: July 1, 2012
Review Date: June 30, 2016

OVERDOSE AND POISONING - PEDIATRIC

BLS CARE

Routine Medical Care

Identify and locate the substance. Protect self and consider contacting Poison Control. (800) 876-4766

Prevent additional contact with the substance as warranted. Prevent further access to the substance by the patient.

Do not induce vomiting. Give nothing by mouth.

ALS CARE

Routine Medical Care.

Consider Substance-Specific Treatment.

Substance-Specific Treatment. In addition to Routine Medical Care and condition specific treatment:

Suspected Narcotic Overdose.

Narcan 0.1mg/kg up to 2mg, IV/IO/IM/IN if respirations are less than 10/min Titrate to improved respiratory rate and quality. May repeat one time if respirations remain less than 10.

Ingestion of non-petroleum based or non-caustic substance. If within one hour of ingestion.

Activated Charcoal 1gm/kg PO considered if no decrease in level of consciousness.

Organophosphate Poisoning.

Atropine 0.05mg/kg IV/IO. Maximum dose 2mg. Minimum dose is 0.1mg May repeat every 5 minutes while symptomatic with base contact.

Cyclic Anti-depressants Overdose.

Sodium Bicarbonate 1mEq/kg IV/IO for widening QRS, hypotension, tachycardia or heart block. Base hospital contact.

Dystonic Reaction.

Diphenhydramine 1mg/kg IV/IM. Max dose 25mg.

Beta Blocker Overdose. If confirmed OD and symptomatic bradycardia is present.

Atropine 0.05mg/kg IV/IO. Maximum dose 1mg. Minimum dose is 0.1mg. May repeat once in five minutes if no response. Base hospital contact.

Glucagon 1mg IV/IO/IM.

Calcium Channel Blocker Overdose. If known OD and symptomatic bradycardia or hypotension present

Calcium Chloride 20mg/kg slow IV over 10 minutes. May repeat every 20 minutes up to five doses. Base hospital contact.

CHEM-PACK Deployment.

Nerve Agent Poisoning.

Atropine injectable or auto-injector

- **Atropine 2mg IM auto-injector.** May repeat every 5 minutes until symptoms relieved.
- **Atropine** injectable. As above for organophosphate poisoning.


2-PAM (Pralidoxime) IM auto-injector.

1 auto-injector for mild symptoms such as mild shortness of breath or for moderate symptoms such as sweating, twitching, and weakness.

Use 3 auto-injectors for severe symptoms such as seizures, apnea, or copious secretions.

Diazepam injectable or auto-injector

- **Diazepam 5mg IM auto-injector.** 1 auto-injector for seizures or severe muscle twitching. May repeat every 5 minutes for seizure and every 10 minutes for muscle twitching until symptoms resolve.
- **Diazepam,** injectable. 5mg IV/IO/IM titrated to effect for seizures. May repeat in 10 minutes for continued seizures. Maximum total dose is 30mg.


James Stubblefield, M.D., FACEP
EMS Medical Director


Michael Petrie, EMT-P, MBA, MA
EMS Bureau Chief