

	<b>COUNTY OF SACRAMENTO</b> EMERGENCY MEDICAL SERVICES AGENCY	Document #	9010.18
	<b>PROGRAM DOCUMENT:</b>  <b>Pediatric</b> <b>Overdose and/or Poison Ingestion</b>	Draft Date:	04/25/95
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 EMS Medical Director

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 EMS Administrator

**Purpose:**

- A. To serve as treatment standard for EMT's and Paramedics in treating non-intentional pediatric overdose and/or poison ingestion patients.

**Authority:**

- A. California Health and Safety Code, Division 2.5
- B. California Code of Regulations, Title 22, Division 9

**Protocol:**

**BLS TREATMENT**

**Supplemental O2** as necessary to maintain SpO2 ≥ 94%. Use the lowest concentration and flow rate of O2 as possible.  
**Airway** adjuncts as needed.  
**Transport.**  
 If poison control has been contacted, relay the poison control information/advice to the base hospital.

**ALS TREATMENT**

**Cardiac Monitoring:**  
**If patient has an altered** level of consciousness, or is having seizures, or is hypotensive, follow appropriate protocol.  
**If non-responsive**, cannot swallow, no gag reflex, or is unable to protect their airway refer to Decreased Sensorium protocol #9005.

A. Beta Blocker or Calcium Channel Blocker Overdose:

**ALS TREATMENT**

**Initiate Intravenous (IV)** access with Saline Lock (SL).

**If needed, attach Normal Saline (NS)** and administer fluid challenge of 20 ml/kg if systolic blood pressure less than minimum for age.

**ATROPINE:**

0.02 mg/kg IV/IO; minimum dose 0.1 mg with repeated dose after 5 min, for age specific bradycardia with hypotension.

**GLUCAGON:**

0.05 mg/kg IV/IO if heart rate remains bradycardic for age or blood pressure remains below minimum for age

**EPINEPHRINE:**

1:10,000 solution. Administer up to 1.0 mg in 0.1 mg increments slow (over 60 seconds) IV/IO push, if systolic blood pressure remains below minimum for age. Repeat until systolic blood pressure is greater than minimum for age.

B. Tricyclic and Related Compounds Overdose:

**ALS TREATMENT**

**Initiate Intravenous (IV)** access with Saline Lock (SL).

**If needed, attach Normal Saline (NS)** and administer fluid challenge of 20 ml/kg if systolic blood pressure less than minimum for age.

**SODIUM BICARBONATE:**

1 mEq/Kg IV/IO push if any of the following signs of cardiac toxicity are present:

1. Heart rate greater than 20 beats per minute above max for age.
2. Systolic blood pressure less than minimum for age.
3. QRS complex greater than .12 msec.
4. Seizures
5. Premature Ventricular Contractions (PVC's) greater than 6/minute

**Cross Reference:** Decreased Sensorium PD# 9005  
Pediatric Airway Management PD# 8837