



## PEDIATRIC ENVIRONMENTAL EMERGENCIES

**Effective:** January 1, 2021  
**Replaces:** April 27, 2017  
**Review:** January 1, 2023

### 1. BLS Treatment

- 1.1. Routine Medical Care – Pediatric **(700-S05)**
  - 1.1.1. **Oxygen** – titrate as appropriate
- 1.2. Assess and document body temperature with digital thermometer; oral, tympanic, or rectal (preferred method for core temperature)
- 1.3. Treat for signs and symptoms of shock as necessary **(700-P10)**

### 2. ALS Treatment

- 2.1. **Vascular Access (IV)**, TKO
- 2.2. **Vascular Access (IO)**, if patient is unconscious
- 2.3. If patient presents with dysrhythmias, treat as appropriate. If core temperature is less than 86°F, withhold IV medications until body temperature rises

### 3. Hyperthermia

- 3.1. Remove patient from hot environment
- 3.2. Remove clothing and sponge patient with cool sterile water or normal saline to promote evaporation cooling, avoid shivering
- 3.3. Place cold packs to neck, groin and axilla
- 3.4. If actively seizing treat for seizures as appropriate **(700-P02)**
- 3.5. Consider **20ml/kg Fluid bolus**, max of 250ml

### 4. Hypothermia

- 4.1. Remove patient from cold environment
- 4.2. Remove wet or restrictive clothing
- 4.3. Place hot packs to neck, groin and axilla
- 4.4. If unresponsive, assess pulse for 45 seconds, if no pulse is present **Start CPR**
- 4.5. If defibrillation is indicated, limit to one (1) shock until patient is warm
- 4.6. If patient presents with dysrhythmias, treat as appropriate
- 4.7. If core temperature is less than 86°F, withhold IV medications until body temperature rises

### 5. Insect Sting or Bite

- 5.1. Remove stinger using a scraping motion, do not squeeze or use tweezers during removal, cold packs may be applied to relieve pain

### 6. Snake Bite

- 6.1. Do not apply cold pack, tourniquet, incise wound, or attempt to suck out venom
- 6.2. Remove jewelry or restrictive clothing on the affected extremity
- 6.3. Circle any swelling around bite marks with a pen and note time and monitor progression and indicate timeframes
- 6.4. Avoid movement with the affected extremity, splint as if fractured, avoid restrictive wrapping
- 6.5. Keep extremity at or below level of heart
- 6.6. If destination guidance is required, make **BASE CONTACT** to locate antivenom