



PEDIATRIC HYPOGLYCEMIA

Effective: January 1, 2024
Replaces: January 1, 2020

1. BLS Treatment

- 1.1. Routine Medical Care – Pediatric (700-S05)
 - 1.1.1. **Oxygen** – titrate as appropriate
- 1.2. Spinal Motion Restriction as appropriate (700-M11)
- 1.3. If another cause of the altered mentation is suspected, treat accordingly
- 1.4. **Blood Glucose Level (BGL)**
 - 1.4.1. If BGL is 60mg/dl or less and patient can swallow while controlling their own airway, administer:
 - 1.4.2. **Oral Glucose (at least 24gm)**, may repeat once after 15 minutes if there is no change in the patient's mental status and/or improved BGL

2. ALS Treatment

- 2.1. **Vascular Access (IV)**, TKO
- 2.2. Utilize length-based resuscitation tape to determine patient weight

3. Hypoglycemia

- 3.1. If **BGL** is 60mg/dl or less, administer:
- 3.2. **3 ml/kg, Dextrose 10% IV Piggyback or IV drip.** Hang a 250 ml bag of 10% dextrose either piggyback to the normal saline bag or directly to IV hub/saline lock. Reassess between boluses for improvements in mental status and/or improved BGL. May repeat bolus once if needed.
- 3.3. If vascular access is not available administer:
 - 3.3.1. **Glucagon 1.0 mg IM**, children 6 years and older
 - 3.3.2. **Glucagon 0.5 mg IM**, children younger than 6 years