

Pediatric Altered Mental Status


The purpose of this protocol is to provide for the assessment and treatment of pediatric patients with altered mental status of unknown etiology such as alcohol, trauma, poisonings, seizures, behavioral problems, stroke, environmental causes, infection, etc.

1. Follow **Pediatric Assessment and Treatment Protocol**.
2. Restrain patient if necessary, refer to **Patient Restraint Procedure**.
3. For a known diabetic, consider small amounts of oral glucose paste, buccal or sublingual.
4. If the patient is **alert** but demonstrating altered mental status, measure blood glucose level (per MCA selection).

MCA Approval of Blood Glucose Testing by specific MFR Agencies
(Provide participating agency list to BETP)


YES

NO

5. If less than 40 mg/dL for patients less than 1 year or 60 mg/dL for patients 1 year and above, administer small amounts of oral glucose paste, buccal or sublingual.
-  6. If glucose is less than 40 mg/dL for patients less than 1 year or 60 mg/dL for patients 1 year and above, administer Dextrose according to MI-MEDIC cards.
7. If MI-MEDIC unavailable, administer Dextrose 0.5 g/kg
 - A. For patients up to 2 months of age, utilize Dextrose 12.5%
 - B. For patients between 2 months and 6 years of age, utilize Dextrose 25%
 - C. For patients age 7 or greater, utilize Dextrose 50%
 - D. May utilize 10% for all ages 5 ml/kg (0.5 gm/kg) up to 250 ml, according to **Dextrose Protocol**.
8. Per MCA selection, if unable to start IV, administer Glucagon according to MI-MEDIC cards.

Glucagon Included?

Yes No

9. If MI-MEDIC unavailable
 - A. For patients up to 4 years of age, administer Glucagon 0.5 mg IM
 - B. For patients aged 5 or greater, administer Glucagon 1 mg IM
10. If respiratory depression is present, administer Naloxone according to MI-MEDIC cards. If MI-MEDIC is unavailable, administer Naloxone 0.1 mg/kg IV/IO/IN/IM.
-  11. Repeat Dextrose as indicated.
12. Repeat Naloxone as indicated.

NOTE:

1. To obtain **Dextrose 12.5%**, discard 37.5 ml out of one amp of D50, then draw 37.5 ml of NS into the D50 amp; administer as indicated above.
2. To obtain **Dextrose 25%**, discard 25 ml out of one amp of D50, then draw 25 ml of NS into the D50 amp; administer as indicated above.
3. To avoid extravasation, a patent IV must be available for IV administration of Dextrose. Dextrose should always be pushed slowly (e.g., over 1-2 minutes).