

Treatment Protocols**Date: 07/01/2023*****Altered Mental Status (Non-Traumatic) - Adult*****Policy #9030A****Adult BLS Standing Orders**

- **Universal Patient Protocol**
- Assess and control airway and breathing as needed per **Airway Policy**
- Oxygen PRN
- **Test glucose**
- Gather history from patient, and if patient unable to provide history, ask bystanders, family or friends
- Bring family or friend to hospital if available for history
- Assess for traumatic injury. If present, go to **Trauma Protocol**
- If suspected stroke or TIA, go to **Stroke Protocol**
- If suspected poisoning, including opioid overdose, go to **Poisoning Protocol**
 - Bring pill or medication bottles to hospital if possible
- If suspected Sepsis/SIRS, use **SIRS Protocol**
- For hypotension, use **Shock Protocol**

HYPOGLYCEMIA, Glucose < 60 mg/dL (adult)

- Administer glucose PO, if patient is alert, has a gag reflex, and can swallow:
 - Glucose paste on tongue depressor placed between cheek and gum
 - Granulated sugar dissolved in liquid

SEIZURE

- See **Seizure Protocol**

Adult LALS Standing Order Protocol

- Glucose monitoring
- Establish IV
- Capnography
- NS 500-1,000 mL IV MR x 1 to a max of 2,000 mL to maintain a SBP of ≥ 90 mmHg

HYPOGLYCEMIA, Glucose < 60 mg/dL

- Dextrose 25 gm IV for BS < 60 mg/dL or unobtainable x1, MR x1
- Glucagon – 1 mg IM x1 if no IV and BS level <60 mg/dl or unobtainable
- Repeat glucose testing following intervention

Adult ALS Standing Order Protocol

- Monitor/EKG
- Establish IV/IO
- Capnography
- Glucose monitoring
- Obtain 12 Lead EKG
- NS 500-1,000 mL IV MR x 1 to a max of 2,000 mL to maintain a SBP of ≥ 90 mmHg

Intervene as appropriate per Airway Policy**HYPOGLYCEMIA, Glucose < 60 mg/dL**

- Dextrose 25 gm IV for BS < 60 mg/dL or unobtainable x1, MR x1 PRN for persistent hypoglycemia
PRN
- Glucagon – 1 mg IM if no IV and BS level <60 mg/dl or unobtainable
- Repeat glucose testing following intervention

Nausea/Vomiting

- Ondansetron 4 mg IV/IO/IM/ODT PRN, MR x1, total 8 mg

Treatment Protocols**Date: 07/01/2023*****Altered Mental Status (Non-Traumatic) - Adult*****Policy #9030A****Adult Base Hospital Orders**

- During times of dextrose shortage, up to two (2) types of dextrose solution can be carried in each unit: D10 and one other concentration. D10 is the only currently approved dextrose solution for pediatric patients.

A conversion chart for adult patients requiring dextrose

Concentration	Amount To Administer for Equivalent 1 Amp of D50 (25 grams glucose)
D50 (50 grams / 100 mL)	1 ampule or 50 mL
D25 (25 grams / 100 mL)	100 mL
D10 (10 grams / 100 mL)	250 ml
D5 (5 grams / 100 mL)	500 ml

Notes

- D10 (dextrose 10% solution) is the only approved dextrose solution for pediatric patients.
- Liver patients will not necessarily respond well to glucagon administration and may require multiple dextrose administrations.

APPROVED:

Signature on FileKatherine Staats, M.D. FACEP
EMS Medical Director