

**Treatment Protocols****Date: 02/01/2021****Stroke - Pediatric****Policy #9220P****Pediatric BLS Standing Orders**

- **Universal Patient Protocol**
- Assess and control airway and breathing as needed per **Airway Policy**
- Test glucose
- Continuously monitor pulse oximetry, blood pressure, and capnography
- Prevent aspiration – elevate head of stretcher 30 degrees if systolic BP significantly elevated for age
- Maintain head and neck in neutral alignment, without flexing the neck
- Protect paralyzed limbs from injury

**Hypoglycemia, Glucose < 60 (adult), 60 (child), or 45 (neonate) dL/mg**

- 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
- Assess for traumatic injury. If present, go to **Trauma Protocol**
- 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

**Complete B.E.F.A.S.T. Stroke Screening:**

<b>B</b>	<b>Balance or Leg Weakness</b>	<b>1 point</b>
<b>E</b>	<b>Eyes – Partial or Complete Vision Loss</b>	<b>1 point</b>
<b>F</b>	<b>Facial Asymmetry</b>	<b>1 point</b>
<b>A</b>	<b>Arm Weakness</b>	<b>1 point</b>
<b>S</b>	<b>Speech Abnormalities</b>	<b>1 point</b>
<b>T</b>	<b>Last Known Normal</b>	<b>Note</b>

**If any positives on BEFAST survey, alert BH as potential stroke alert.**

**Seizure**

- Confirm patient has not had a seizure during the duration of stroke symptoms. If patient has had a seizure during the duration of stroke symptoms or is actively seizing, see the **Seizure Protocol** and transport to the appropriate Emergency Department
- If suspected poisoning, including opioid overdose, go to **Poisoning Protocol**
- **Do not delay transport for interventions and transport to the appropriate receiving facility**

**Pediatric LALS Standing Orders**

- Establish IV

**HYPOGLYCEMIA(<60 mg/dL in children, <45 mg/dL in neonates)**

- Dextrose 10% IV dosing per chart, may repeat once (1)

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- Glucagon – IM dosing per chart if no IV and BS level low or unobtainable

**Pediatric ALS Standing Orders**

- Continuously monitor pulse oximetry, blood pressure, ECG, and capnography
- Obtain 12 Lead EKG
- **Refer to Airway Policy as needed**
- **Refer to Shock Policy as needed**
- Establish IV/IO PRN
- Ondansetron 0.1 mg/kg (max 4 mg) IO/IV/ODT for nausea/vomiting

**HYPOGLYCEMIA(<60 mg/dL in children, <45 mg/dL in neonates)**

- Dextrose 10% IV/IO dosing per chart, MR x 1
- Glucagon – IM dosing per chart if no IV and BS level low or unobtainable

**Pediatric Base Hospital Orders**

- Additional glucose dosing per BH
- Time is brain tissue in strokes, transport to the hospital should be priority to decrease poor outcomes

APPROVED:

Signature on File

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