Physician Orders PEDIATRIC: LEB Pediatric Intensive Glycemic Control Plan

Initiate Orders Phase
Care Sets/Protocols/PowerPlans

☐ Initiate Powerplan Phase
  Phase: LEB Intensive Glycemic Control Phase, When to Initiate: ______________________

LEB Intensive Glycemic Control Phase
Non Categorized
  Not for use in patients less than 15 kg unless verified by physician*(NOTE)*
  Not for use in Type 1 or Type 2 Diabetic patients.*(NOTE)*

Patient Care

☐ Bedside Glucose Nsg
  Routine, q1h

☐ Bedside Glucose Nsg
  Routine, pm, PRN

Nursing Communication

☐ Nursing Communication
  Infuse insulin drip in an inotrope-free port

☐ Nursing Communication
  For point-of-care blood glucose reading less than 70 mg/dL or greater than 500 mg/dL, draw and order STAT serum glucose.

☐ Nursing Communication
  Stop insulin drip when parenteral/enteral nutrition stopped for greater than 15 min. Before restarting insulin drip, check blood glucose. If blood glucose GREATER THAN 100mg/dL, restart insulin at previous dose when parenteral/enteral nutrition restarted.

☐ Nursing Communication
  Titrate insulin rate hourly based on the bedside glucose readings to achieve a target blood glucose range of 100-175 mg/dL using ref. text chart. Print titration guidelines and keep at patient’s bedside.

☐ Nursing Communication
  Upon transport outside of critical care unit, stop insulin drip. Upon return to unit, reassess blood glucose and restart drip based on blood sugar comparison and titration guideline instructions.

☐ Nursing Communication
  RN to discontinue plan when patient transfers out of critical care unit.

☐ Nursing Communication
  For blood glucose LESS than 70mg/dL - See Comments
  Comments: For blood glucose LESS THAN 70 mg/dL:
  A. Stop insulin infusion
  B. Give 10% Dextrose as ordered
  C. Retest blood glucose 15 minutes after D10 bolus.
  D. If blood glucose LESS THAN 70 mg/dL, repeat dextrose bolus.
  E. Repeat Steps B & C until blood glucose is GREATER THAN 70 mg/dL.
  F. Once blood glucose is GREATER THAN 70 mg/dL, notify physician for further orders.
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- **Nursing Communication**
  - Hold infusion if rate is less than or equal to 0.04 units/kg/hr. Continue checking blood glucose q1hr.

**Continuous Infusion**
- Insulin (Human Regular): 0.5 units/ml solution (125 units Regular insulin in 250 cc NS)(NOTE)*
- **+1 Hours** Insulin Drip (Pediatric) (IVS)*
  - Sodium Chloride 0.9%
    - 250 mL, IV, STAT
    - Comments: Conc:0.5unit/mL, Prime tubing with solution, WAIT 20 minutes Flush tubing with priming volume, then start infusion Do NOT bolus insulin, Administer IV insulin at 0.05 units/kg/hr = ________units/hr (or ________ cc/hr)
  - insulin reg (additive)
    - 125 units

**Medications**
- **+1 Hours** D10W Bolus
  - 2 mL/kg, Injection, IV Push, N/A, STAT, ( infuse over 10 min ), Give for blood glucose LESS THAN 70 mg/dL
- **.LEB Intensive Glycemic Control Ref.Text**
  - See Reference Text, N/A, N/A, Routine
  - Comments: Print titration guidelines reference text and keep at patient's bedside.

**Consults/Notifications/Referrals**
- Notify Physician-Continuing
  - Notify For: For discontinue plan orders, if blood sugar is less than 100 mg/dL for 2 consecutive readings for discontinue orders
- Notify Physician-Continuing
  - Notify For: If blood sugar is less than 70 mg/dL.
- Notify Physician-Continuing
  - Notify For: If blood sugar is greater than 250 mg/dL for 3 consecutive readings.
- Notify Physician-Continuing
  - If blood sugar INCREASES 50 mg/dL or greater in one hour
- Notify Physician-Continuing
  - If blood sugar DROPS more than 150 mg/dL in one hour

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Physician’s Signature</th>
<th>MD Number</th>
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</table>

*Report Legend:*
- DEF - This order sentence is the default for the selected order
- GOAL - This component is a goal
- IND - This component is an indicator
- INT - This component is an intervention
- IVS - This component is an IV Set
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NOTE - This component is a note
Rx - This component is a prescription
SUB - This component is a sub phase, see separate sheet
R-Required order