

STANDARD ORDERS FOR Pediatric Treatment for Hypoglycemia (Patients less than 12 years of age)

*These orders are to be used as a guideline and do not replace sound clinical judgement and professional practice standards.
Patient allergy and contraindications must be considered when completing these orders.*

Automatically activated (If not in agreement with an order cross out and initial). Requires a check(✓) for activation

Allergies: Unknown No Yes (describe) _____ Weight _____ kg Estimated Actual

Mild to Moderate Hypoglycemia
Blood Glucose 2.6 to 4 mmol/L

Severe Hypoglycemia
Blood Glucose less than 2.6 mmol/L

Check blood glucose and notify prescriber

Pediatric CAB (Compressions, Airway, and Breathing)

Check Vital Signs and look for medic alert :
➤ HR, RR, SpO₂, BP, + bedside blood glucose

Notify prescriber and establish IV access

Administer IV Dextrose according to weight of child and recommended concentrations

Treat hypoglycemia according to age of child:

Age (years)	Greater than 1 month and Less than 5	5 – 10	Over 10
Amount of Carbohydrates (CHO)	5 g	10 g	15 g
Glucose gel (15 g)	1/3 tube	2/3 tube	1 tube
Glucose Tablets (4 g)	1	2 – 3	4
Apple/Orange Juice, Regular Soft Drink	40 mL	85 mL	125 mL

Age	Dose	Dextrose Concentration	
		D10W	D25W
Term neonates and infants less than 6 months	0.25-0.5 g/kg/dose (max 25 grams)	2.5-5 mL/kg/dose	1-2 mL/kg/dose
Infants 6 months or more to children less than 12 years	0.5-1 g/kg/dose (max 25 grams)	5-10 mL/kg/dose	2-4 mL/kg/dose
Adolescents	1.0-25 g/dose (max 25 grams)		40-100 mL/dose

If Child is unable/refusing to take oral dose administer Glucagon:
0.02 – 0.03 mg/kg per dose (maximum 1 mg per dose) subcut/IM (deltoid) given once and followed by administration of Dextrose IV or PO to prevent secondary hypoglycemia

- If no response in 15-20 min, repeat dose
- Usual maximum: 3 doses

Wait 15 minutes and retest blood glucose

If Child is unable/refusing to take oral dose administer Glucagon:
0.02 – 0.03 mg/kg per dose (maximum 1 mg per dose) subcut/IM (deltoid) given once and followed by administration of Dextrose IV or PO to prevent secondary hypoglycemia

Weight	Glucagon dose
Less than 20 kg	0.5 mg
Equal to or greater than 20 kg	1 mg

- If no response in 15 - 20 minutes, repeat dose
- Usual maximum: 3 doses

Wait 15 minutes post IV dextrose or 20 minutes post glucagon injection

Treat with another PO dose (as above) of glucose if blood glucose remains less than 4 mmol/L

Treat with another IV dose (as above) of glucose if blood glucose remain less than 4 mmol/L

Once hypoglycemia is reversed with fast acting treatment give patient their regular meal or snack within 30 minutes to prevent repeated hypoglycemia. Snack should include 15 g carbohydrates (7 crackers or 1 slice bread) and a protein source (30 mL peanut butter or 30 g cheese)

Bedside blood glucose 15 minutes post treatment and then every 30 minutes x 1, q1h x 3 (minimum)

Bedside blood glucose, q1h x 3 (minimum)

Ongoing IV fluids: D10W or NS _____ mL/hr

PRESCRIBER'S SIGNATURE: _____ PRINTED NAME: _____ Date: _____ Time: _____

Order Transcribed

FAX TO PHARMACY

Date: _____ Time: _____ Init: _____

Date: _____ Time: _____ Init: _____