

SCHOOL DIABETES ORDERS – HYBRID CLOSED LOOP INSULIN PUMP

Licensed Healthcare Provider (LHP) to Complete Annually

NAME: _____ SCHOOL: _____ GRADE: _____
Start date: _____ for 2019-2020 school year Through last day of school Other: _____

LOW BLOOD GLUCOSE (BG) MANAGEMENT

- If BG is below 70 or having symptoms, give _____ grams fast-acting carbohydrate (i.e. 4 glucose tabs, 4 oz juice).
- Recheck BG in 15 minutes and repeat carbohydrate treatment if BG still < 80 or if child continues to be symptomatic.
- Once BG is > 80, may follow with 10-15 gram carb snack, or meal if time. Do not include low treatment in meal carbs.

If unconscious, unresponsive, difficulty swallowing, or evidence of seizure: **Phone 911 immediately.** Do NOT give anything by mouth. If nurse or trained PDA is available, administer Glucagon (_____ mg SC or IM)

HIGH BLOOD GLUCOSE (BG) MANAGEMENT

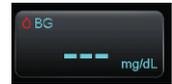
AUTO MODE (Blue Shield)



SAFE BASAL (Grey Shield)



MANUAL MODE



If BG is over 150 and pump
Recommends Corrective insulin dosing.
Administer Recommended Dose.
(Pump will account for insulin on board)

If BG is over 150 and pump
Recommends Corrective insulin dosing.
Administer Recommended Dose
(Pump will account for insulin on board)

If BG is over 250 for 2 hours after last
bolus or carbohydrate intake, administer
recommended dose.
(Pump will account for insulin on board)

- Ketones: Test urine ketones if BG > 300 X 2hrs, or Never. Call parent if child is having moderate or large ketones.
- No exercise if having nausea or abdominal pain, or if ketones are tested and found positive (mod or lg).
- Encourage student to drink plenty of water and provide rest if needed.

BLOOD GLUCOSE TESTING

BG to be tested: Before meals and for symptoms of low or high BG, or as set up by the 504 plan

Extra BG testing: When the pump requested a blood glucose check to stay in Auto Mode.

before exercise, before PE, before going home, other: as needed/requested by student

Blood sugar at which parents should be notified: Low < 70 mg/dL after 2 treatments, or High >300 mg/dL X 2 hours

Notify the parents if repeated hypoglycemia, abdominal pain, nausea/vomiting, fever, if hypoglycemic before going home, or if there is a refusal of care by the child. Hyperglycemia is not medically justified for sending this student home, in absence of symptoms.

SENSOR CALIBRATIONS

Calibrate before lunch daily – Do not calibration if there are double or triple arrow up or down

When the pump requests a calibration(this is required to stay in Auto Mode)

*The Medtronic CGM sensor is required for the pump to function in Auto Mode.

*The Medtronic 670G pump can be used without the sensor as a Manual Mode pump (traditional pump, like previous pump systems)

INSULIN ADMINISTRATION at *Mealtime/Snacks* Apidra® Humalog® Novolog® FIASP®

Pump Brand: Medtronic 670G

AUTO MODE

Insulin dosing to be given: before meal (mandatory)

Insulin to Carb Ratio: 1 unit per *** grams Carb (In auto mode you *cannot* override recommended bolus)

BG Correction Factor: Automatically adjusted by pump

Basal Rates: Basal rates are automatically adjusted by pump every 5 minutes

MANUAL MODE

Insulin to Carb Ratio: 1 unit per _____ grams Carb

BG Correction Factor: 1 unit per _____ mg/dL > _____

Basal Rates: Basals adjusted per parents and HCP

Parent/caregiver authorized to adjust insulin for carbs, BG level, or anticipated activity

Licensed medical personnel authorized to adjust the insulin dose by +/- 0 to 5 units after consultation with parent/caregiver

Pre-meal BG target: 70-_____, or Other:

Insulin dosing to be given: before, or after meal

insulin & syringe should be used for pump malfunction

after meal dosing when before meal BG < 80 mg/dL

STUDENT'S SELF-CARE *Healthcare Provider to Check Box for Ability Level*

1.	Totally independent diabetes management	<input type="checkbox"/>	4.	Student consults with nurse/PDA for insulin bolus	<input type="checkbox"/>
2.	Student needs BG/SG verification of number by staff or	<input type="checkbox"/>		Student self-boluses insulin with nurse/PDA or designated staff supervision only or	<input type="checkbox"/>
	Assist BG testing to be done by school nurse/PDA/designated staff	<input type="checkbox"/>		Insulin bolus to be done by school nurse/PDA	<input type="checkbox"/>
3.	Student consults with nurse/PDA or designated staff for carbohydrate count	<input type="checkbox"/>	5.	Patient wears Medtronic Guardian CGM; Insulin per orders based on BG readings only	

DISASTER PLAN & ORDERS

Parent is responsible for providing and maintaining “disaster kit” and to notify school nurse. In case of disaster:

Use above BG correction scale + carb ratio coverage for disaster insulin dosing every 3-4 hrs.

If long-acting insulin is not available, then administer rapid-acting insulin every 3-4 hrs as indicated by BG levels.

Electronically signed by: _____ Date: _____

I authorize the exchange of medical information about my child’s diabetes management between the LHP and the school nurse

I do not authorize the exchange of medical information about my child’s diabetes management between the LHP and the school nurse

Parent Signature: _____ Print Name: _____ Date: _____

School Nurse Signature: _____ Print Name: _____ Date: _____