Medtronic 670G: Information for School Nurses

2 Operating Modes

Manual Mode

- Standard pump therapy:
  - Pre-programmed basal rates
  - Meal time boluses
- Addition of hypoglycemia reduction technologies which may be activated with sensor use
  - Suspend on Low - insulin suspension when sensor glucose IS low
  - Suspend before Low- insulin suspension BEFORE sensor glucose is low in attempt to prevent hypoglycemia

Auto Mode

- “Hybrid Closed Loop”
  - Basal delivery auto- calculated by pump based on sensor glucose values with glucose target of 120 mg/dl (auto basal).
  - Meal time boluses
- Glucose target can be temporarily set to 150 mg/dl (i.e. for exercise)

Common Alerts: Follow prompts on pump screen

**BG entry required:** (Auto Mode Only)

- Provides reassurance to pump while in auto mode to keep calculating basal insulin delivery. Perform a BG on linked meter, confirm on pump. DO NOT CALIBRATE

**Calibrate Now (Both Manual and Auto Mode)**

- Calibration required to improve sensor accuracy. Perform a BG on linked meter, confirm on pump, and then CHOOSE CALIBRATE.

**THE BIG PICTURE**

Exiting Auto Mode is NOT an emergency

- If Pump exits Auto Mode, will AUTOMATICALLY revert to Manual Mode.

Meal time boluses needed in BOTH MODES

- Checking BG and entering carbs for meals still required with Auto Mode

Management of hyperglycemia and hypoglycemia will remain the same, per the Standards of Care for Diabetes Management in School

- If ketones are present, a manual injection is still needed and Auto Mode should be turned off