When glucose is unexplainably above 250 mg/dl, check for ketones, and follow this algorithm.

**KETONES = NEGATIVE OR TRACE**
(Blood Ketones < 0.6)

- Bolus correction factor through pump
- Recheck in 1-2 hours

**BG GOING DOWN (10-20%)**
Follow Usual Program

**BG SAME OR GOING UP**
Follow Usual Program

**KETONES = SMALL TO MODERATE**
(Blood Ketones 0.6 – 1.5)

- Bolus correction factor using an injection AND do a set change
- Encourage child to drink water or carbohydrate-free liquids. (8-16 ounces/hour)
- Recheck in 1-2 hours

**BG GOING DOWN (10-20%)**
Follow Usual Program

**BG SAME OR GOING UP**
CALL MD OR DIABETES EDUCATOR

**KETONES = LARGE**
(Blood Ketones >1.5)

- CALL CLINIC IMMEDIATELY
- Encourage child to drink water or carbohydrate-free liquids. (8-16 ounces/hour)

**IF ANY NAUSEA OR VOMITING WITH OR WITHOUT KETONES ALWAYS CALL CLINIC**