

# Blood Sugars >300 mg/dL with Insulin Pump

(High blood sugar for 2-3 hours and not sure why?)

## CHECK URINE KETONES



### Ketones: Negative →

- bolus using your insulin pump
- recheck glucose/ketones every 2-3 hours and correct using your insulin pump
- if blood sugar stays >300 with first check, change infusion set/pod
- **DRINK WATER (8-10 oz/hour)**

### Ketones: Trace or Small →

- bolus using your insulin pump
- recheck blood sugar in **1 HOUR**
  - If blood sugar doesn't drop by **AT LEAST 30 points OR you have a ↓ on your CGM**, change your infusion set/pod
- recheck glucose/ketones every 2-3 hours and correct using your insulin pump
- **DRINK WATER (8-10 oz/hour)**

### Ketones: Moderate or Large →

- bolus using your Insulin pen – **DOUBLING THE CORRECTION ONE TIME**
- Change your infusion set/pod
- recheck glucose/ketones every 2-3 hours and correct using your insulin pump
- **DRINK WATER (8-10 oz/hour)**

## Correction/Sliding Scale (Humalog or Novolog or Apidra)

(Use syringe or insulin Pen)

Blood sugar 150 - 200 mg/dL: \_\_\_\_\_ units

Blood sugar 201 - 250 mg/dL: \_\_\_\_\_ units

Blood sugar 251 - 300 mg/dL: \_\_\_\_\_ units

Blood sugar 301 - 350 mg/dL: \_\_\_\_\_ units

Blood sugar 351 - 400 mg/dL: \_\_\_\_\_ units

Blood sugar >400 mg/dL: \_\_\_\_\_ units

**OR**

### ALTERNATE WAY TO CALCULATE CORRECTION INSULIN:

Take current blood sugar reading \_\_\_\_\_ and subtract blood sugar target of \_\_\_\_\_ divide by sensitivity of \_\_\_\_\_ to get your correction dose for high blood sugar.

[For example:

Blood sugar of 350 minus target blood sugar of 100 divided by sensitivity of 50 equals 5 units of insulin (Humalog or Novolog or Aprida)

(350-100/50=5 units)]