Treating High Blood Glucose (BG) when using an Insulin Pump

Symptoms of high BG may include nausea, vomiting, stomach pain, thirst, fruity-smelling breath, lack of appetite, frequent urination, blurry vision, warm or flushed skin, drowsiness, weakness, breathing problems, or unconsciousness.

If BG 300 or over
1. Check for ketones.
2. Check site and tubing.

If NO ketones
Give insulin dose suggested by pump.
Encourage water. Allow bathroom access.

Recheck BG in 1 hour

If BG has NOT dropped by at least 50 points:
- Disconnect the infusion set.
- Use the pump to calculate the correct dose, then let the insulin drip out of the pump and into the air.
- Give the calculated dose by syringe or insulin pen.
- If you suspect illness (fever, nausea, vomiting, diarrhea) call us for advice: 415-514-6234

Change infusion set and site.
Restart pump

Recheck BG in 1 hour

If the BG has dropped at least 50 points, recheck BG per usual schedule.

If the BG has NOT dropped by at least 50 points or nausea has developed, check ketones and call us for advice: 415-514-6234

If YES ketones: This suggests a problem with insulin pump or a serious illness. Notify guardian.

- Disconnect the infusion set.
- Use the pump to calculate the correct dose, then let the insulin drip out of the pump and into the air.
- Give the calculated dose by syringe or insulin pen.
- If you suspect illness (fever, nausea, vomiting, diarrhea) call us for advice: 415-514-6234

Change infusion set and site.
Restart pump

Recheck BG in 1 hour

If the BG has NOT dropped at least 50 points or nausea has developed/persisted, recheck ketones and call us for advice: 415-514-6234