

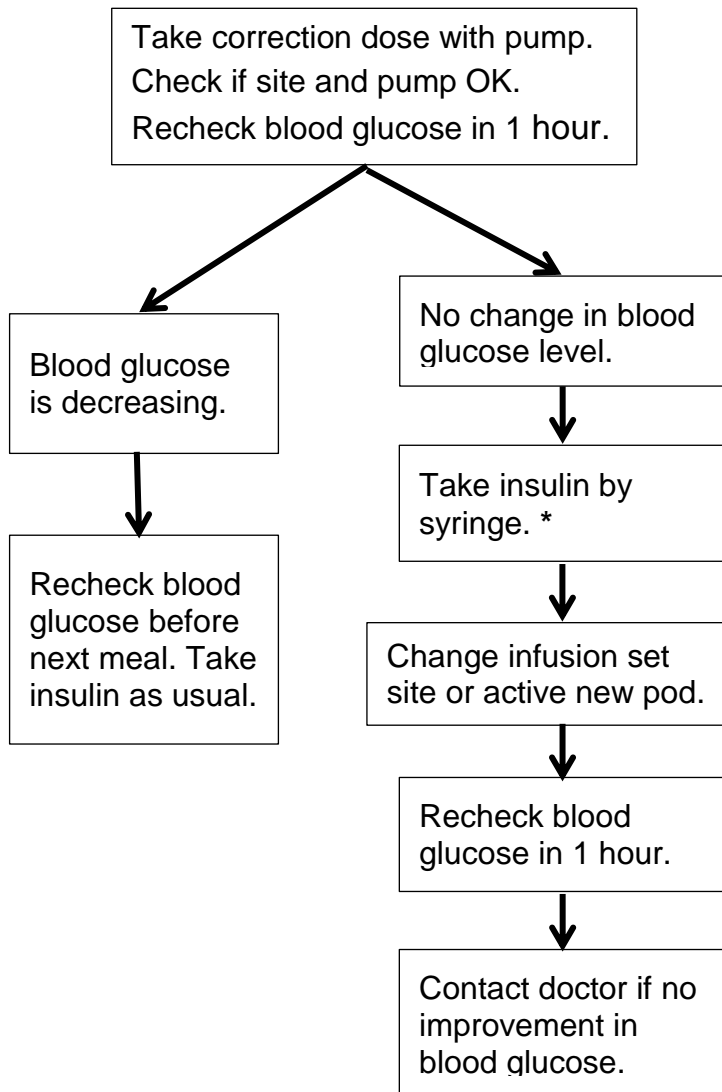
Guidelines for Managing Hyperglycemia

Signs and Symptoms of Hyperglycemia (High Blood Glucose)	
Onset	<ul style="list-style-type: none"> • Gradual (hours to days)
Usual Causes	<ul style="list-style-type: none"> • Illness, infection, surgery, injury • Stress: emotional or physical • Too little insulin • Increased food • Exercise (in type 1) with blood glucose over 14 mmol/L
Signs and Symptoms	<ul style="list-style-type: none"> • Thirst • Excessive urination • Fatigue • Abdominal pain, nausea, vomiting • Blurred vision • Change in appetite • Dry/itchy skin • Slow healing cuts • Hard to breathe / acetone breath
Troubleshooting	<p><u>Infusion Set:</u></p> <ul style="list-style-type: none"> • Is the tubing primed? • Is the cannula dislodged or kinked? • Has the set been in longer than 2-3 days? • Is the set connected to the cartridge? • Are there any leaks or can you smell insulin? • Is there discomfort, blood or redness at the site? • Is there air in the tubing? <p><u>Insulin Pump:</u></p> <ul style="list-style-type: none"> • Did you forget to bolus? Check Bolus History • Any recent alarms? • Is the cartridge empty? • Did you forget to stop your temporary basal rate? <p><u>Insulin</u></p> <ul style="list-style-type: none"> • Is the insulin cloudy or clumped? • Has the insulin expired? • Has the insulin been at room temperature for longer than one month? • Did you leave the insulin in a warm place? <p>For technical problems with your pump, call the 24-hour Helpline</p>
REMEMBER	
<ul style="list-style-type: none"> • Insulin should always be taken! • Drink plenty of extra carbohydrate-free fluids. • Check blood glucose and urine ketones before every meal and/or every four hours. 	

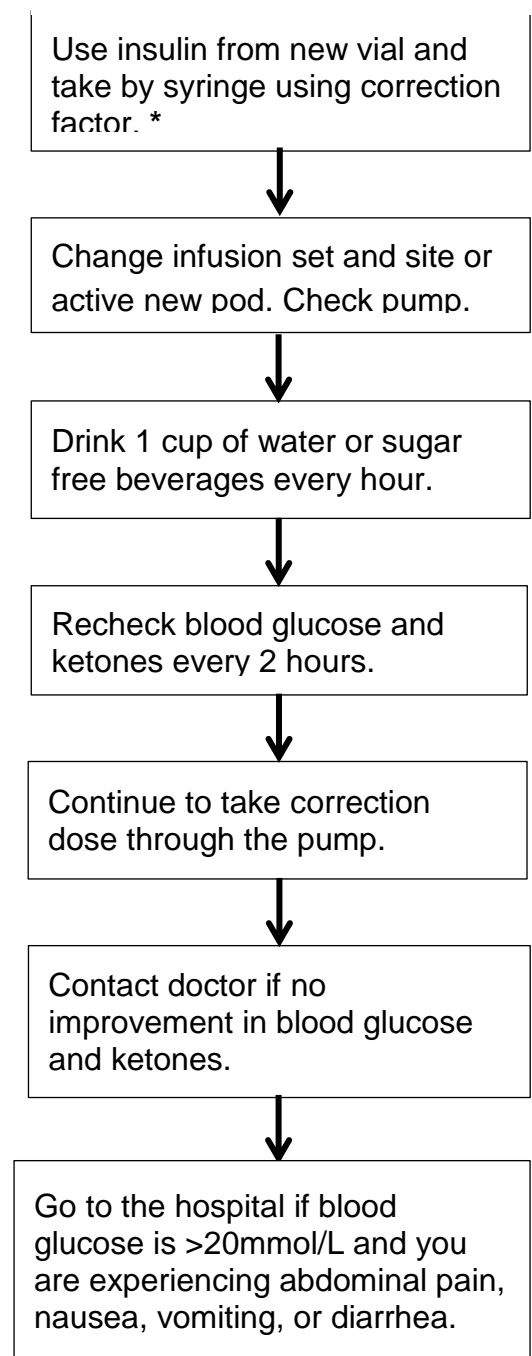
Flow Chart: Hyperglycemia Protocol for Insulin Pumps

If your blood glucose reading is above 14 mmol/L, follow these steps:

High Blood Glucose Level No Ketones



High Blood Glucose Level With Ketones



* Your pump cannot track active insulin given via syringe. If you would like to track active insulin, disconnect pump or remove pod and use pump to calculate correction dose and deliver dose (discard in sink).

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