

WHEN YOUR CHILD IS ILL, **START HERE**

**ALWAYS CHECK** blood sugar (BS) and ketones (urine or blood)

BS is within target range, and ketones are negative.


BS < 150 and urine ketones are mod/large -or- blood ketones > 1.5

BS 150-250 and urine ketones are mod/large -or- blood ketones > 1.5

BS > 250 and urine ketones are mod/large -or- blood ketones > 1.5

**3-4 HOURS**

Continue to check BS and ketones every 3-4 hours.



Schedule appointment with primary MD if fever or infection is present.

**WITH SUGAR**

Give fluids with sugar.

**1-2 HOURS**

Recheck BS and ketones every 1-2 hours.



Will need extra insulin when BS is > 150

**WITH SUGAR AND WATER**

Give 10-20% of total daily insulin dose (or correction dose x1) using Humalog or Novolog.

Give fluids with sugar and water (as much as possible) every hour.

**2-3 HOURS**

Recheck BS and ketones every 2-3 hours.

*Repeat if needed*

**NON SUGAR**


Give 10-20% of total daily insulin dose (or correction dose x1) using Humalog or Novolog.


Give non-sugar fluids (as much as possible) every hour.

**2 HOURS**

Recheck BS and ketones every 2 hours.

*Repeat if needed*

Extra rapid-acting insulin given until BS is in target range and ketones are negative.  
 If urine ketones are large or blood ketones are > 1.5 in 2-4 hours, call Billings Clinic Pediatric Diabetes staff or doctor on-call. 

**FOR PUMPERS:** If BS is > 250 and large urine ketones or blood ketones > 1.5, give first dose of insulin with a syringe, then change site of infusion. 

**FOR VOMITING:** Wait 30-45 minutes, then give clear fluid sips every 15 minutes. Increase amount when possible.  
 3 or more times: call Billings Clinic Pediatric Diabetes staff or doctor on-call. 