



NAME:	
DATE OF BIRTH:	
HEALTH CARD NUMBER:	

I live with **TYPE 1 DIABETES** and use an **INSULIN PUMP**. If my pump is removed, stops working, or is discontinued an alternate source of insulin (subcutaneous or intravenous infusion) must be provided **WITHIN TWO HOURS** to prevent me from developing diabetic ketoacidosis (DKA).

If I am **unable to eat and drink**, please ensure I am treated with insulin (either by continuing my pump, using intravenous insulin infusion, or by using basal insulin with correction doses of mealtime insulin as needed).

I use \_\_\_\_\_ insulin in my pump.

**My usual pump settings are:**

Insulin Pump Brand / Model:		Insulin in Pump:			
<b>Basal Rate(s)</b>		<b>Insulin:Carbohydrate ratio(s)</b>		<b>Insulin Sensitivity Factor(s)</b>	
Time	Rate (units/hr)	Time	Ratio (unit/gram)	Time	Factor
0000h		0000h	1:	0000h	
<b>Target Glucose mmol/L</b>		<b>Insulin Active Time:</b>		<b>Preferred infusion set:</b>	
0000h	5.0-7.0	_____ hours		<b>Other Notes:</b>	
		<b>Cloud Upload?</b>			
		<b>Service:</b> _____			
		<b>Username:</b>			
		<b>Password:</b>			

My total daily dose of insulin is approximately \_\_\_\_\_ units per day (use average of last 3 days).

My weight is \_\_\_\_\_ kg or \_\_\_\_\_ lbs.

**My usual diabetes team is:**

NAME	PHONE

**My next of kin:**

NAME	PHONE

**Disclaimer:** While this communication was developed with advice of practicing endocrinologists, it does not replace the personalized medical advice that is provided in a hospital setting.

If I am admitted to the hospital **and able to eat**, I would prefer to continue using my pump, if this is safe (www.ipumpit.ca). If it is not possible or safe for me to continue using my pump, the following orders may be helpful:

- 1800 calorie diabetic diet (60g of carbohydrates with each meal).
- Capillary glucose readings 4x per day (prior to each meal and at bedtime).
- **NOTE: Insulin must be started within 2 hours of stopping the pump**
- Choose a long acting insulin at 50-60% of the total daily dose indicated above
  - For Lantus or Basaglar give 20% of the basal dose at breakfast and 80% at 6-8pm
  - For Toujeo or Tresiba give the dose once daily at breakfast
- Give a dose of the long acting insulin now. *You may consider a half dose of the long acting insulin if the scheduled dose is due in less than 8 hours.*
- For mealtimes, or to correct for hyperglycemia, please continue the brand of insulin I normally use in my pump, if possible\*.
  - The dose for each meal can be based on my insulin: carbohydrate ratio (e.g., 60g carbohydrates with 1:10 ratio = 6 units). I can determine this dose if the carbohydrate information is provided to me for the meals.
  - If my appetite is poor, reduce the mealtime insulin dose by 50%.
  - Add the following number of units to the dose if my blood glucose level before the meal is outside the target range (4-10mmol/l).

Insulin Sensitivity Factor ≥ 2.6		OR	Insulin Sensitivity Factor < 2.5	
Pre-meal glucose (mmol/L)	Mealtime insulin correction dose (units) to be added to or subtracted from usual mealtime insulin		Pre-meal glucose (mmol/L)	Mealtime insulin correction dose (units) to be added to or subtracted from usual mealtime insulin
<4	Reduce dose by 2 units (and eat)		<4	Reduce dose by 2 units (and eat)
4-9.9	0 units		4-9.9	0 units
10-12.9	+1 unit		10-11.9	+1 units
13-15.9	+2 units		12-13.9	+2 units
>16	+3 units		14-15.9	+3 units
			>16	+4 units

Note: Review insulin doses daily and revise if target glucose values are not achieved (see resources below).

**\*Alternative insulins** – if it is not possible to continue my usual brand of insulin, the following insulin brands could be substituted without the need for any major dose adjustment:

Apidra                                      FiAsp                                      Humalog                                      Novorapid

**Resources / Other information:**

- Basal Bolus Insulin Therapy: <http://www.bbit.ca/>
- Insulin Pump In-Hospital Therapy: <https://www.albertahealthservices.ca/scns/Page13209.aspx>
- For technical issues with pump, contact the Pump Company:
  - Medtronic: 1-800-284-4416
  - Omnipod: 1-844-207-9982
  - Tandem: 1-833-509-3598

**Disclaimer:** While this communication was developed with advice of practicing endocrinologists, it does not replace the personalized medical advice that is provided in a hospital setting.