DIABETES MEDICATION ADJUSTMENT GUIDELINES BEFORE SHORT PROCEDURES

It’s always important to manage your blood glucose, but it is extremely important to have good glucose control prior to surgery or a short procedure. It will help reduce the risk of infection and other complications. Your doctor will tell you how to adjust diabetes medication or insulin before a procedure, but the following provides some general guidelines.

GLIP1S & NON-INSULIN INJECTABLE MEDICATIONS
Symlin, Bydureon, Byetta, Ozempic, Trulicity or Victoza
• Stop taking these medications one week prior to any surgery or procedure.
• Morning of procedure: Don’t take any diabetes medication other than the insulin dose recommended by your care team.

BASAL INSULIN AND BASAL COMBINATION PRODUCTS
Basaglar, Lantus, Levemir, Soliqua, Tresiba or Xultophy
• During clear liquid diet: Take 2/3 of usual basal dose for a colonoscopy or similar procedure. Use glucose-containing clear liquids as needed to maintain blood sugar. Don’t drink only diet or sugar-free beverages.
• Morning of procedure: Take 2/3 of usual morning basal dose.
• Evening of procedure: Normal dosage.

NPH INSULIN
Humulin N, Novolin N or Relion N (Ask your provider about mixed insulins of 70/30 or 75/25.)
• During clear liquid diet: Take half dose of usual N insulin for a colonoscopy or similar procedures. Use glucose-containing clear liquids as needed to maintain blood sugar. Don’t drink only diet or sugar-free beverages.
• Morning of procedure: Take half dose of usual N insulin. For Mixed insulins, don’t take the morning dose; take half of your usual dosage when eating well.

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**BOLUS INSULIN**

Apidra, Fiasp, Humalog, NovoLog, Regular (Humulin R, Novulin R or Relion R)

- Don't take usual doses of these fast-acting insulins while NPO (i.e., taking nothing by mouth) or on a clear-liquid only diet.
- You may require supplemental fast-acting insulin for blood sugars over 200. If you have a blood glucose correction scale, use half of your usual dosage to correct high blood sugars.

**INSULIN PUMP**

If you require a clear liquid diet, the following should be adhered to while on the clear liquid diet. Everyone should adhere to the following both the night before and day of your surgery/procedure.

If you require a clear liquid diet and the day of procedure:

**MEDTRONIC AUTOMODE OR TANDEM CONTROL IQ** users should continue in this mode or use the exercise/activity mode if you're more comfortable with higher target blood glucose. Only use 50% of the usual correction bolus.

**OMNIPOD 5** users should change the target glucose to 150 and correct above 150. Only use 50% of the usual correction bolus.

**ALL OTHER PUMP USERS** should set a temporary basal rate of 85% for a colonoscopy or similar procedures. Only use 50% of your recommended dose for blood glucose above 200.

Return to your normal pump settings when you're back to eating normally.

**WHEN TO RESUME NORMAL DOSES**

Begin taking usual medication doses when you're back to eating normally following the procedure.

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**DIABETES CENTER OF EXCELLENCE**

AMBULATORY CARE CENTER (ACC), SECOND FLOOR
55 LAKE AVENUE NORTH, WORCESTER, MA 01655

NEW PATIENTS: **855-UMASS-MD** (855-862-7763)
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