Getting Started
with Insulin Pump Therapy
for the MiniMed® 530G with Enlite®

Learning Guide
MiniMed 530G Insulin Pump Settings Form:

We recommend that you record all settings on this form so you can reference when necessary.

**Bolus Settings**

**Bolus Wizard Setup:**

- **Wizard:** [ ] On [ ] Off
- **Carb Units:** [ ] Grams [ ] Exch

**Carb Ratios:**

1: 12:00AM ______ grams/U
2: _________ grams/U
3: _________ grams/U
4: _________ grams/U

**Sensitivity:**

1: 12:00AM ______ mg/dL/U
2: _________ mg/dL/U
3: _________ mg/dL/U
4: _________ mg/dL/U

**BG Target Ranges:**

1: 12:00AM _____ - _____ mg/dL
2: _______ - _____ mg/dL
3: _______ - _____ mg/dL
4: _______ - _____ mg/dL

**Active Insulin Time:** ________ Hrs

**Max Bolus:** ________ units

**Scroll Rate:** [ ] 0.025 [ ] 0.05 [ ] 0.1

**Dual/Square Option:** [ ] On [ ] Off

**Easy Bolus:** [ ] On/SET ________ units [ ] Off

**BG Reminder:** [ ] On [ ] Off

**Missed Bolus Reminder:** [ ] On [ ] Off

1: ________ - ________
2: ________ - ________
3: ________ - ________
4: ________ - ________

**Basal Settings**

**Max Basal Rate:** ________ U/H

**Basal Rates:**

1: 12:00AM ________ U/H
2: _________ U/H
3: _________ U/H
4: _________ U/H
5: _________ U/H
6: _________ U/H

**Temp Basal Type:** [ ] U/H [ ] Percent of Basal

**Basal Patterns:**

**Basal Pattern A:**

1: 12:00AM ________ U/H
2: _________ U/H
3: _________ U/H
4: _________ U/H
5: _________ U/H
6: _________ U/H

**Basal Pattern B:**

1: 12:00AM ________ U/H
2: _________ U/H
3: _________ U/H
4: _________ U/H
5: _________ U/H
6: _________ U/H

**Utilities**

**Alarm**

**Alert Type:**

[ ] Beep Long [ ] Beep Medium [ ] Beep Short [ ] Vibrate

**Auto Off:** [ ] On ________ Hrs [ ] Off

**Low Reservoir:** [ ] ________ Units [ ] ________ Time

**Connect Devices:**

- PC Connect
- Meter ID ________ Remote ID ________

**Capture Option:** [ ] On [ ] Off
Basal insulin provides the background insulin you need between ______________ and during ______________ .

Basal insulin is entered into your pump in ___________ per ___________ .

It is delivered evenly throughout every hour, 24 hours a day.

You might need ___________ than one basal rate to match your insulin needs.

___________ ___________ will help you and your healthcare provider determine if your basal rate needs to be higher or lower, or if basal rates need to be added.

Any time basal rates are changed, you should go to ___________ ___________ to make sure they are entered correctly.

For help with setting up Basal Rates, see the Training Handouts section of Getting Started with MiniMed 530G, page 53.
There are two reasons why a bolus is given:

- A bolus for ________ is given to cover the glucose rise from the ________ that you eat or drink.
- When glucose levels are high, a ______________________ bolus helps bring them back down to your __________ blood glucose.

Using the Bolus Wizard®

The Bolus Wizard lets you enter your current BG and the amount of carbs you are eating and calculates the insulin needed.

These settings are needed for the Bolus Wizard. Match the correct definition for the settings below:

- ___ Insulin to Carb Ratio
- ___ Insulin Sensitivity Factor (correction factor)
- ___ Target BG Range
- ___ Active Insulin Time

a. Desired BG when correcting a high or low BG
b. Estimated amount of time bolus insulin is still working in your body
c. Grams of carbs covered by 1 unit of insulin
d. Number of BG points (mg/dL) lowered by 1 unit of insulin
Giving a Bolus

There are three situations when a bolus would be given. On the lines below, write the steps you will take to give a bolus in each situation.

1. You are testing BG AND eating carb

2. You are testing BG but NOT eating carb

3. You are NOT testing BG but are eating carb

Active insulin is _____________ insulin that is still working to _____________ glucose levels.

To see the last bolus delivered, you can go to the ________________ screen.

To see the boluses that have been delivered over the last few days, go to ________________ ________________.

For more help giving boluses, see the Training Handouts section of Getting Started with MiniMed 530G, page 55.
You are using the ________________ infusion set.

The infusion set needs to be changed every ________ days.

Your first infusion set change will be on ________________.

You should fill your reservoir with _____________ units of insulin.

The Fill Cannula amount is _______ units.

There are several places to go for help on changing an infusion set. Check the one that you will use:

- Quick Reference sheet in Getting Started with MiniMed 530G Training Handouts section page 57, or the Quick Reference sheet your trainer provided
- myLearning video: my.medtronicdiabetes.com/mylearning
- Medtronic Diabetes website: www.medtronicdiabetes.com/changeset

Why is it important to always check your glucose 2-3 hours after the infusion set is changed?

_______________________________________________________________________________________

_______________________________________________________________________________________

If glucose levels are high, see the Training Handouts section of Getting Started with MiniMed 530G, page 59, and follow the DKA (diabetic ketoacidosis) prevention steps.

When disconnected, the infusion set can be covered with the plastic cap that comes in the infusion set package. This creates a smooth surface while on the body.
Glucose monitoring is an ________________ part of pump therapy.

For the first few days after you start on your pump, it is helpful to test _______ to _________ times per day. These times include:

- ________________________________________________________________________
- ________________________________________________________________________
- ________________________________________________________________________

These BG readings help you and your healthcare provider _____________ your pump settings properly and help glucose levels to be as close to target as possible.

After your settings are adjusted and your glucose levels are stable, you will need to check your glucose _________ or _________ times every day.

**Routine BG checks should be done each day:**
- When you wake up
- Before each meal
- Bedtime

**It is also very important to check glucose:**
- Any time you feel your glucose may be _________ or ___________
- 2 – 3 hours ____________ you change your infusion set
- Before, during and after _____________
- When you don’t feel well or are sick
Knowing what to do when BG levels are too low or too high is important.

**Treating Low Glucose (Hypoglycemia)**

If blood glucose drops below 70 mg/dL, follow the 15-15 rule:

1. Eat 15 grams of fast-acting carbohydrate
2. Recheck BG in 15 minutes
3. If BG is still below 70 mg/dL, repeat steps 1 and 2

Is there anywhere you need to start keeping fast acting carbohydrate? What treatment will you choose to keep there?

___________________________________________________________________________________
___________________________________________________________________________________

A glucagon injection is needed if you are unable to eat or drink or cannot treat your low glucose on your own.

Do you have a prescription for glucagon?  Yes____ No_____

*If you answer No, ask your healthcare provider for a prescription.*

**IMPORTANT** Make sure to check the expiration date on your glucagon kit. It is important that those around you know ahead of time how to mix the glucagon and use it.
Treating High Glucose (Hyperglycemia) And Preventing DKA

An unexplained high glucose may mean that the _______________ _______________ cannula or _______________ may be kinked and not letting insulin go through.

DKA occurs when you aren't getting enough _______________. The body can’t use glucose for energy, so it has to use fat. _______________ build up in the body - this is dangerous and can make you very ill.

These are the steps to follow when glucose levels are over 250 mg/dL:

If ketones are NOT present:

1. Take a correction bolus of insulin with your pump.
2. Re-check BG in one hour.
3a. If your BG has started to decrease, continue to monitor until normal.
3b. If your BG is the same or higher:
   - take a correction dose of insulin using a syringe
   - change your reservoir and infusion set
   - continue to check BG every hour until BG returns to normal

If ketones ARE present:

1. Take a correction dose of insulin using a syringe. Do NOT take insulin using the pump.
2. Change your reservoir and infusion set.
3. Check BG every 1 to 2 hours. Give correction boluses as needed.
4. Drink water or non-carbohydrate fluids.

If your BG continues to rise or if you have moderate to large ketones, nausea, vomiting, or difficulty breathing, call your healthcare provider or go to the nearest emergency room.

For more on treating high and low BGs, see the Training Handouts section of Getting Started with MiniMed 530G, page 63.
The pump lets you know when alerts or alarms occur.

- The pump will beep or vibrate
- There will be an __________ circle when an alert occurs
- There will be a __________ circle when an alarm occurs

**Alert** > open circle > still receiving insulin > will need to take action in near future

**Alarm** > closed circle > NOT receiving insulin > take action **right away**

When you receive an alert or an alarm:

- Read and follow the instructions on the screen (press the down arrow for more information)
- Press ______ and then _______ to clear the Alert or Alarm
- Take the appropriate steps to resolve the issue

Always address a **No Delivery** alarm immediately. It means that you are not getting insulin. Check your BG and change your reservoir and infusion set as soon as possible.

If you see a circle and don’t know why it is there, go to the **STATUS** screen to find out.

You can get to the **STATUS** screen by pressing ________ from the __________ _________.

For more on Alerts and Alarms, see the *Appendix* of Getting Started with MiniMed 530G, page 66.
CareLink reports help you to understand how __________, __________, and __________ effect your glucose levels.

CareLink reports make it easier to see where changes can be made to improve your glucose control.

Follow these steps to get started using CareLink:

1. Go to www.medtronicdiabetes.com and click on CareLink
2. Click the Sign Up Now button
3. Read and accept the terms of agreement
4. Choose a User Name, Password, and enter your contact information
5. Once you submit, you will be able to log in from the Welcome screen
6. Click the Upload button and follow the steps provided on the screen
7. Click on Reports to view your uploaded information

You can learn more about setting up your account, uploading your pump and looking at reports by:

• Going to www.medtronicdiabetes.com/carelinksetup

• Taking the CareLink class on myLearning at my.medtronicdiabetes.com/mylearning
Starting insulin pump therapy is exciting, but it can also sometimes feel like a lot to learn.

If you need answers, there are several places you can go:

- This Learning Guide shows you where to go for more information and help on the topics we covered.
- To find additional information on many topics, go to [www.medtronicdiabetes.com/support](http://www.medtronicdiabetes.com/support)
- For classes to review information and help you learn more, go to [my.medtronicdiabetes.com/mylearning](http://my.medtronicdiabetes.com/mylearning)
- To find local classes and webinars that allow you to ask questions, learn from diabetes educators, and hear from other people using insulin pump, go to [www.medtronicdiabetes.com/education](http://www.medtronicdiabetes.com/education)
- The 24-hour HelpLine is there for you 24 hours a day, 365 days a year to help with any technical questions: 1-800-646-4633

### Ordering Supplies

It is important that you do not run out of pump supplies. There are several ways to order. Choose the way that will work best for you.

- **mySupplyConnection™ Automatic Reorder Program**
  Call 1.800.646.4633, Option 2 to have your supplies automatically sent to you on a regular basis.

- **Supply Reorder Card**
  This card is mailed to you. Simply follow the instructions on the card and return to us by mail.

- **Online Store**
  Create an account at [my.medtronicdiabetes.com](http://my.medtronicdiabetes.com) and order online. If you have already gone onto myLearning, you will use that username and password.

- **myMedtronic Connect**
  This app lets you order supplies right from your mobile device. Go to iTunes to download for your iPhone, iPad or iPod Touch.

- **Automated Phone System**
  Place an order 24 hours a day, 7 days a week by calling 1.800.646.4633, Option 2.

- **Live Representative**
  Call the Supply Order Team at 1.800.646.4633, Option 2, Monday through Friday, from 8:00 AM to 6:00 PM Central Standard Time.
Follow-up Plan

Having a follow-up plan in place for the next 30 days will help you to be successful using pump therapy. It will give you a chance to ask questions, and ensure you have the support you need.

Trainer Name: ____________________________________________
Trainer Phone: ____________________________________________
Trainer Email: _____________________________________________

Work with your trainer to complete your follow-up plan:

24 hours
☐ ______________________________________________________
☐ ______________________________________________________
☐ ______________________________________________________

3 days
☐ ______________________________________________________
☐ ______________________________________________________
☐ ______________________________________________________

7-14 days
☐ ______________________________________________________
☐ ______________________________________________________
☐ ______________________________________________________

Ongoing Education
☐ ______________________________________________________
☐ ______________________________________________________
☐ ______________________________________________________