



GETTING STARTED

MiniMed™ 630G Insulin Pump
For Experienced Pump Users

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Getting Started with the MiniMed 630G Insulin Pump

Welcome, and thank you for choosing the latest advancement in insulin delivery technology from Medtronic. We are pleased to provide you this valuable tool for your diabetes management.

This guide will introduce you to your new pump and help you transfer your current pump settings to this new insulin pump.

This guide will also show you the steps to do common tasks, such as giving a bolus and changing your infusion set. In addition, you will find out about the new features and options that are now available to you.

Before you start

It is important to have your current pump settings in front of you before you get started. You will want to have one of these two items available for you to refer to:

- Your most recent CareLink Personal software settings report
- The Settings Guide (Training Handouts page 67) completed with your current pump settings

Here are some quick tips to keep in mind as you work through this information:

- Be sure you are not attached to your insulin pump while you practice.
- If you press the wrong button, use the  to go back to the previous screen and try again.
- If you do not touch a button for 15 seconds, the pump screen will turn dark. Press any button and the pump screen will return.
- Avoid the Reservoir & Tubing menu until you have completed all practice necessary to feel comfortable using this insulin pump.

We hope you enjoy learning about your new insulin pump.



DID YOU KNOW? A complete explanation of the technical and operational aspects of your pump can be found in the *MiniMed 630G System User Guide*.



IMPORTANT: Do NOT attach the insulin pump to your body or attempt to use insulin in this pump until training has been completed and you have been instructed to do so by your healthcare professional.

Section 1: Pump Basics

Before inserting the battery or pressing any buttons, let's take a closer look at your pump.

The Front of Your Pump

^ Up, v Down, < Left and > Right

- Press to scroll up or down through a menu or list
- Press to move to desired area on the screen
- Press to change the value in an area

← Back

- Press to return to a previous screen
- Press and hold to return to the starting screen, called the Home screen

○ Select

- Press to select or confirm a value or menu option that is highlighted
- Press when directions say 'select'

☰ Menu

- Press to get to the Menu
- Press and hold to put pump into Sleep mode

● Notification Light

- Flashes when an Alert or an Alarm is occurring



The Back of Your Pump



The Bottom of Your Pump



Medtronic Diabetes Helpline Telephone Number

For product assistance, call this number to be routed to your local support team.

GETTING STARTED | PUMP BASICS

Attaching the Skins

You have received skins to attach to the back of the pump and the front of the pump clip. You can find these with the accessories. In addition to personalizing the look of your pump, skins provide additional protection against surface scratches. Apply the skins using the instructions provided with them.



Inserting the Battery

Your insulin pump is powered by a AA battery. A lithium, alkaline, or rechargeable AA battery can be used. The battery you place into your pump should always be new or fully charged.



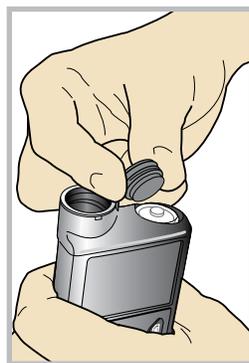
DID YOU KNOW? Lithium batteries have been shown to have the longest battery life. Batteries should be stored at room temperature, not in the refrigerator or other cold locations.

To insert the battery and get started, you will need:

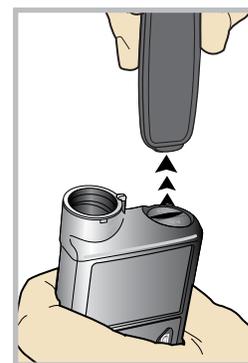
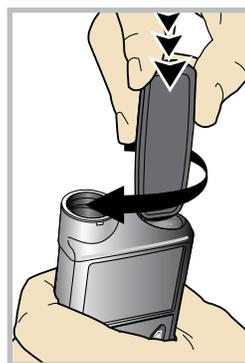
- The battery cap found with the pump
- The pump clip found with the accessories
- The AA battery found with the accessories



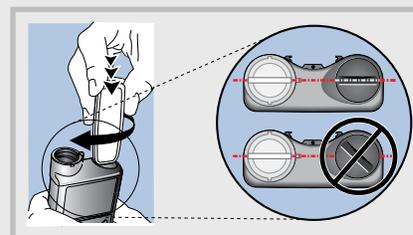
STEP 1. Place the battery into the battery compartment with the negative (flat) end going in first.



STEP 2. Place the battery cap onto the pump. Use the edge of the pump clip to turn the cap to the right (clockwise) and tighten until the slot is horizontal to the pump. See image below.



CAUTION: Do not overtighten or undertighten the battery cap. Overtightening the battery cap can cause damage to your pump case. Undertightening the battery cap will prevent the pump from recognizing the new battery. Turn the battery cap clockwise until the cap is aligned horizontally with the pump case, as shown in the following example.



Section 2: Startup Wizard



The pump will power on and Startup Wizard will begin.

Always look for the item on the screen that is highlighted in yellow. This is the item that can be selected. Use **^** and **v** buttons to highlight the item you want to choose and press the **o** button to select it.



Select your language.



Select **12 Hour** (AM/PM) or press **v** to **24 Hour** and press **o**. *This example uses 12 Hour.*



The hour will be flashing. Press **^** / **v** to the correct hour and press **o**.

The minutes will be flashing. Press **^** / **v** to the correct minutes and press **o**.

The AM/PM will be flashing. Press **^** / **v** if needed and press **o**.

Select **Next**.



Select **Year**. Press **^** to the correct year and press **o**.

Select **Month**. Press **^** / **v** to the correct month and press **o**.

Select **Day**. Press **^** / **v** to the correct day and press **o**.

Select **Next**.

To scroll faster, press and hold the **^** or **v** button. Once you reach the correct value or item, press **o** to select.



Wait a moment.

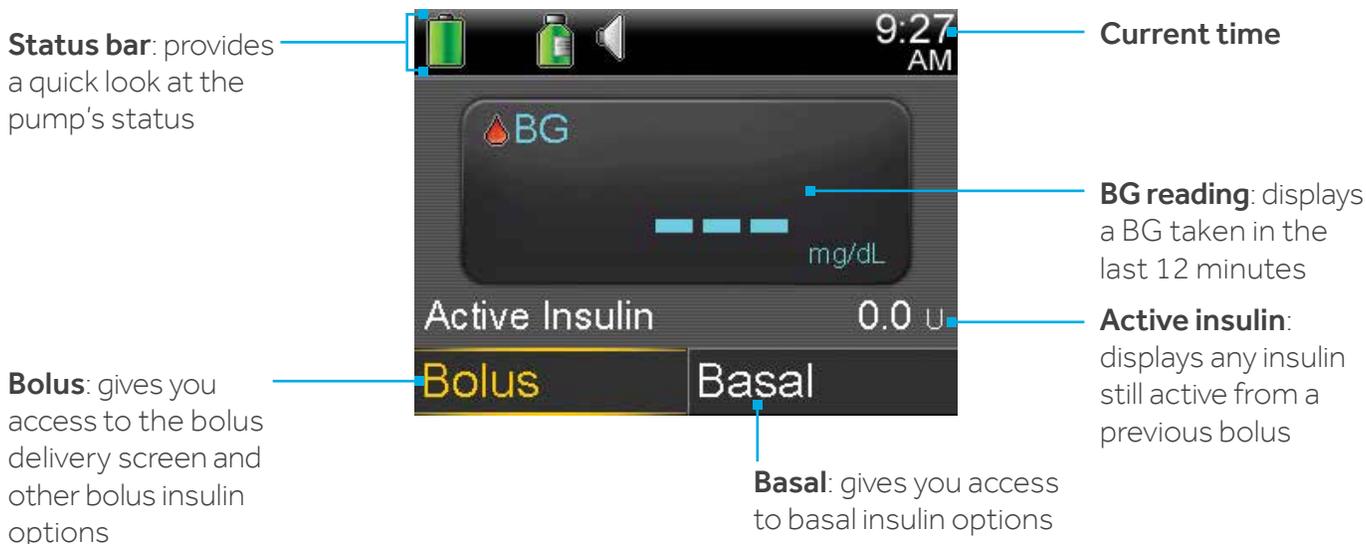


Select **OK**.

Section 3: Home Screen

You are now on the Home screen. The Home screen will be your starting place to access all features in the pump.

The following information is displayed on the Home screen.



Backlight

When you are not pressing buttons on your pump, you will notice that the Backlight will soon turn off. The pump is still on; it is just saving battery life. You can simply press any button to make the screen reappear.

KEEPING THE SCREEN ON LONGER...



Margaret noticed when she wasn't pressing buttons on her pump, the screen would turn dark. This happens to save battery life. She soon learned she could simply press any button to turn the screen back on.

HELPFUL HINT If the pump screen is going dark too quickly, the Backlight setting can be changed. You will learn how to do this on page 14.

Unlocking the Pump

After the Backlight has been off for a few minutes, the pump goes into Sleep mode and the pump is locked. When you begin using your pump again, you will see a screen like the one shown here when you leave the Home screen. You will need to press the arrow key that is highlighted to unlock the pump. This confirms you are reading the screen and the button presses are not accidental. If the wrong arrow key is pressed, you will be asked to try again.



You can press and hold  if you wish to put the pump into Sleep mode and keep it locked when you are not using it. Doing this can also help save battery life.

Status Bar

The Status Bar displays the following icons so you can quickly view important information. When using your pump, you will see 3 of these icons.

 **Battery icon:** Shows the level of charge your battery has. As the battery charge decreases, the icon will become less full and change to yellow and then red.

 **Reservoir icon:** Shows the approximate amount of insulin left in your reservoir. As insulin is used, the icon will become less full and change to yellow and then red.

 **Audio icon:** Shows the audio mode you are using: audio , vibrate , or audio and vibrate 

Status Screens

There will be times when you need additional status information. For example, the Status Bar icon shows you if the insulin in your reservoir is getting low, but you may need to know exactly how many units are left. This additional status information can be found in the status screens.

1. Press **^** to highlight the **Status Bar** and press **○**.



2. If prompted, press the arrow key that appears to unlock the pump.



3. Press **○** to view Notifications or press **▼** to highlight the status screen you wish to view and press **○**.



Here you can see the status information that can be found when you select each menu item:

Notifications: shows the name and times of alarms, alerts, messages, and reminders that you have received over the past 24 hours.

Quick Status: provides a current summary of pump information including the last bolus you delivered, the last BG entered, and your current basal rate.

Pump: provides detailed information about your pump, including the date you last changed the reservoir, and the number of units left in it.

Settings Review: displays the settings you have programmed into your pump.



REMEMBER: You can go back to the previous screen by pressing **◀**.

Section 4: Menu

Pressing the  button will take you to the **Menu**.



When a screen or a menu has more than five lines of information, the scroll bar appears on the right side of the screen. Press  to view the additional items.

Scroll Bar

There are 9 items listed on the Menu. Each menu item contains the features and functions that pertain to that menu item. You will find the items meant to be most quickly accessible closest to the top.

Menu Options

Here you see a brief summary of the information found within each menu item.

- **Suspend Delivery:** Lets you stop insulin delivery. This is commonly used when disconnecting to swim or bathe.
- **Audio Options:** Lets you choose audio, vibrate or both to inform you of alerts and notifications. You can also change the volume here.
- **History:** Shows information about recent insulin delivery, actions you performed on your pump, and alerts and alarms received. You can look back to previous days when necessary.
- **Reservoir & Tubing:** Contains steps to changing the reservoir and infusion set.
- **Insulin Settings:** Contains all features and settings that affect or change your pump's delivery of insulin. These settings help you to individualize the pump to meet your insulin needs.
- **Sensor Settings:** Contains all options related to sensor use. These are set when using continuous glucose monitoring.
- **Event Markers:** Lets you use your pump instead of a written log to record events such as taking an injection or exercising.
- **Reminders:** Lets you set the pump to remind you to do important routine activities such as checking BG and changing your infusion set.
- **Utilities:** Contains various other features and settings related to pump use.

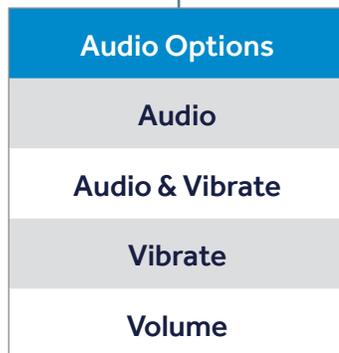
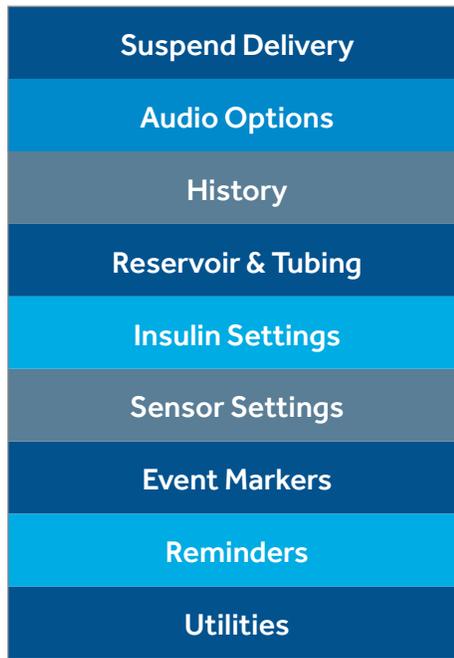
On the following page, you will find a map of the basic menu. This shows you the options that you will find under each of the Menu items.

Basic Menu Map:



Home screen

Press 



Navigation

Press  from any screen to open the **Menu**.

Press  and  to scroll through the menu items.

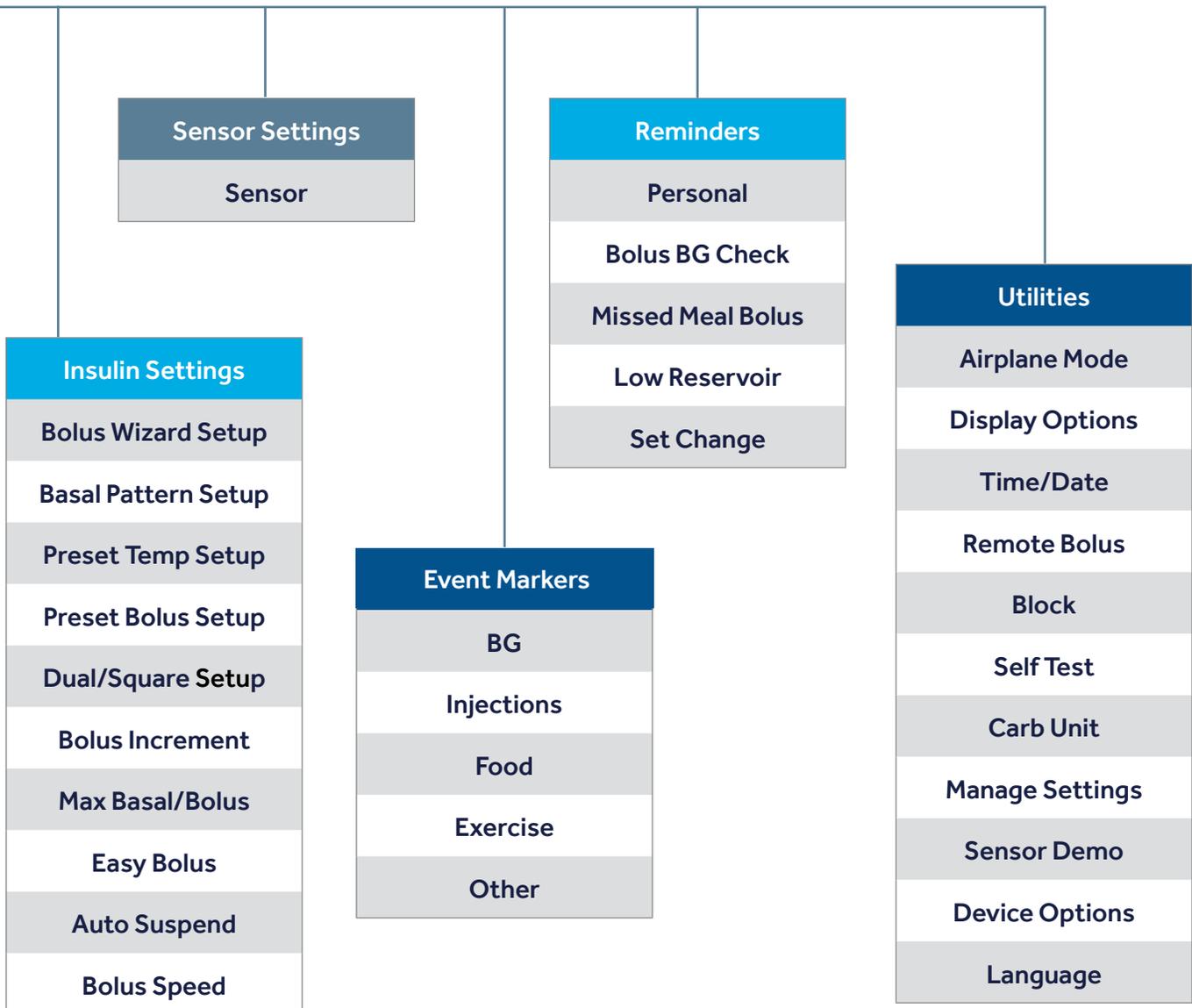
Press  on the desired menu items to open.

The scroll bar appears on the menus to indicate when additional text is available.

Press  to scroll down to view additional items.

Press  to scroll back up.

Press  to go to the previous screen. Hold  to return to the **Home** screen.



Section 5: Menu Options — A Closer Look

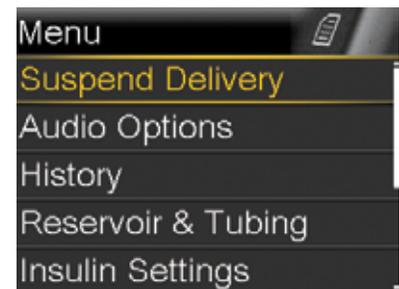
Now you are ready to learn some basic features found within the Menu.

Suspend Delivery

The first item in the Menu is Suspend Delivery. As you know, manually suspending delivery **stops all insulin delivery**.

✔ Let's Practice: Placing the Pump in Manual Suspend

1. Press .
2. Select **Suspend Delivery**.
3. Press **>** and select **Yes** to suspend insulin delivery.



A confirmation screen appears.



Notice that the Home screen has changed. The pump will beep and/or vibrate every 15 minutes while the pump is manually suspended.





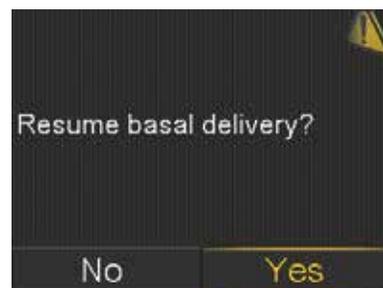
NOTE: There is another suspend feature called Suspend on low that is available when you are using continuous glucose monitoring (CGM). You will learn more about Suspend on low during your CGM training.

✓ Let's Practice: Resume Basal Insulin Delivery

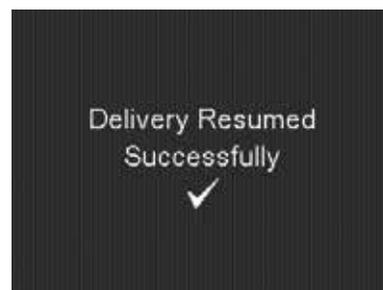
1. Select **Resume**.



2. Press > and select **Yes** to resume insulin delivery.



A confirmation screen appears.



The original Home screen returns.



REMEMBER: When you resume insulin delivery, basal insulin will begin to deliver again. **The pump will not deliver any of the basal insulin you missed while the pump was suspended.** If you manually suspend delivery while a bolus is delivering, the bolus delivery will stop. **When you resume delivery, the remainder of the bolus will not be delivered.**

Audio Options

You will use Audio Options to set your pump to beep (Audio), beep and vibrate (Audio & Vibrate), or just vibrate (Vibrate). If you choose Audio or Audio & Vibrate, you can also increase or decrease the Volume.

✓ Let's Practice:

1. Press  to open the Menu.
2. Press  to **Audio Options** and press .
3. Press  to the option that you prefer and press .

If you choose Audio or Audio & Vibrate, you are able to adjust the volume.

4. Press  to **Volume** and press .
5. Press  or  to desired volume and press .
6. Select **Save**.



The Option you select turns On.

The icon shown here will display on the Status Bar on the Home screen.

Display Options

Display Options allows you choose the brightness of your pump screen. This is also where you go to change the amount of time your pump stays on before it goes into Power Save mode.

✓ Let's Practice:

1. Press  to open the Menu.
2. Press  to **Utilities** and press .
3. Press  to **Display Options** and press .

If you want to adjust the screen brightness:

4. Select **Brightness**.
5. Press  to the setting you prefer and press .

To adjust the backlight:

6. Select **Backlight**.
7. Press  to the setting you prefer and press .
8. Select **Save**.

The Auto setting automatically adjusts the screen brightness to match your current environment.



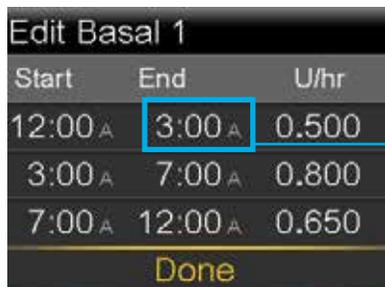
NOTE: How you adjust these settings can affect battery life. For example, increasing the Backlight time will decrease the life of your battery.

Section 6: Basal Patterns

A Basal Pattern refers to one or more basal rates delivering insulin over a 24 hour period. You can set up to eight basal patterns, choosing from names that are provided.

To complete a Basal Pattern, basal rates must be set from 12:00A to 12:00A. The set up screen may look a little different in your new pump than it did before.

Here you can see a an example of multiple basal rates in the basal pattern set up screen:



| Start | End | U/hr |
|--------------------|--------------------|-------|
| 12:00 _A | 3:00 _A | 0.500 |
| 3:00 _A | 7:00 _A | 0.800 |
| 7:00 _A | 12:00 _A | 0.650 |

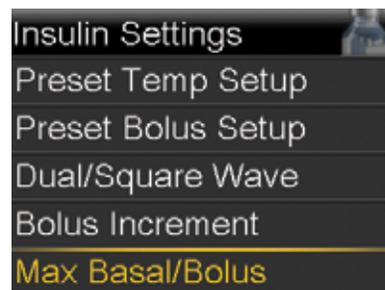
Done

Notice the End time of one time segment is the same as the start time of the next segment.

Max Basal

Before you continue, you may need to change your Max Basal amount. Max Basal is the maximum amount of basal insulin that can be delivered in one hour. Check your current pump settings. If your Max Basal is an amount other than 2.0 units per hour, follow these steps to change:

1. Press .
2. Select **Insulin Settings**.
3. Select **Max Basal/Bolus**.



4. Select **Max Basal**.



5. A screen will appear to ensure you are entering a value that has been determined by you and your healthcare professional. If this change has been recommended by your healthcare professional, press **>** and select **Continue**.



6. Select **Max Basal**.
7. Press **^** or **v** to enter **U/hr** and press **o**.
8. Select **Save**.



Entering Basal Rates

To set Basal Patterns, you will need to go to **Insulin Settings**. This can be accessed two ways:

1. From the Home Screen, select **Basal** and press **v** to **Insulin Settings**.
2. Press **☰** and **v** press to **Insulin Settings**.

Using either your most recent CareLink Personal settings report or the completed Settings Guide, follow the steps to enter your current basal pattern into your new pump.

The steps for entering a pattern with one basal rate are found below. If your current pattern has more than one basal rate, follow the steps that begin on page 18.

X Enter Settings: Entering a Basal Pattern that has *only one* Basal Rate

1. From the Home screen, select **Basal**.
2. Press **v** to **Insulin Settings** and press **o**.
3. Press **v** to **Basal Pattern Setup** and press **o**.
4. Select **Basal 1**.



5. Select **Options**.



GETTING STARTED | BASAL PATTERNS

6. Select **Edit**.



7. Press **○** on the time segment. The **End** time will be flashing.
8. Since you have only one basal rate, you do not need to change the End time. Press **○** on 12:00A.



9. Press **^** to enter the **U/hr** of your first basal rate delivery amount and press **○**.

*The example shows 0.750 U/hr. Enter the amount of **your** first basal rate.*



10. Select **Done**.



11. Verify that the basal pattern is entered correctly. Make sure the **24 hr Total** is accurate.

If no changes need to be made:

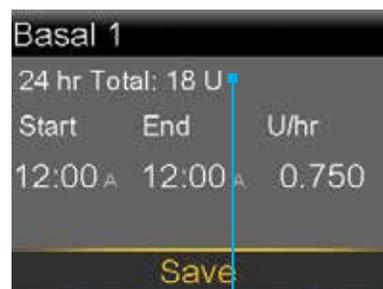
12. Select **Save**.

If changes need to be made:

13. Press **↩**.

14. Press **^** and **○** on the time segment. Make necessary changes.

15. When finished, select **Save**.



This basal pattern delivers 18 U over 24 hours.

X Enter Settings: Entering a Basal Pattern that has more than one Basal Rate

1. From the Home screen, select **Basal**.
2. Press **▼** to **Insulin Settings** and press **○**.
3. Press **▼** to **Basal Pattern Setup** and press **○**.
4. Select **Basal 1**.



5. Select **Options**.

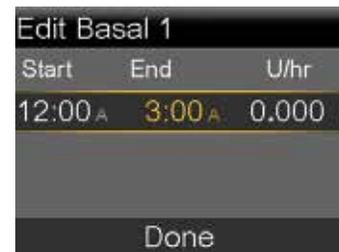


6. Select **Edit**.



7. Press **○** on the time segment. The **End** time will be flashing.
8. Press **▲** to enter the time that your first basal rate ends and the second begins. Press **○**.

*The example shows 3:00A. Enter the time **your** first basal rate ends.*



9. Press **▲** to enter the **U/hr** of your first basal rate delivery amount and press **○**.

*The example shows 0.500 U/hr. Enter the amount of **your** first basal rate.*



GETTING STARTED | BASAL PATTERNS

10. You can see that a second time segment becomes available.
Press **○** on the time segment.
11. The **End** time of the second basal rate will be flashing.
Press **^** to enter the end time of your second basal rate.

*The example shows 7:00A. Enter the time **your** second basal rate ends.*

| Start | End | U/hr |
|--------------------|-------------------|-------|
| 12:00 _A | 3:00 _A | 0.500 |
| 3:00 _A | 7:00 _A | --- |

Done

12. Continue this process until the entire 24 hour period is completed.

*The example shows a total of 3 basal rates in this basal pattern.
You may have more.*

| Start | End | U/hr |
|--------------------|--------------------|-------|
| 12:00 _A | 3:00 _A | 0.500 |
| 3:00 _A | 7:00 _A | 0.800 |
| 7:00 _A | 12:00 _A | 0.650 |

Done

13. Select **Done**.

14. Verify that your basal rates are entered correctly. Press **v** to view all basal rates. Make sure the **24 hr Total** is accurate.

If no changes need to be made:

15. Select **Save**.

If changes need to be made:

16. Press **↩**.
17. Press **^** and **○** on the time segment. Make necessary changes.
18. When finished, select **Save**.

Basal 1

24 hr Total: 15.75 U

| Start | End | U/hr |
|--------------------|-------------------|-------|
| 12:00 _A | 3:00 _A | 0.500 |
| 3:00 _A | 7:00 _A | 0.800 |

Save

This basal pattern delivers 15.75 U over 24 hours.

Adding New or Copying Basal Patterns

You may be using additional basal patterns. These are basal patterns set to account for days that require different basal amounts. For example, a pattern might be used for weekends because a person is less active than they are during the week. When setting an additional pattern, you can simply enter the basal rates into a new pattern, or you can copy and then make edits to a basal pattern that is already set. To enter another basal pattern, follow these steps:

1. From the Home screen, select **Basal**.
2. Press **▼** to **Insulin Settings** and press **○**.
3. Press **▼** to **Basal Pattern Setup** and press **○**.



Choose one of these two options:

Add a New Basal Pattern

4. Press **▼** and select **Add New**.
5. Select a name.
6. Enter times and basal rates for the additional pattern.

OR

Copy and Edit an Existing Basal Pattern.

4. Select **Basal 1** or another currently programmed Basal Pattern.
5. Select **Options**.
6. Press **▼** to **Copy**. This copies the basal pattern that you have programmed and allows you to make the necessary changes.
7. Select name for this Basal Pattern.
8. Press **▲** to **Edit**.
9. Continue by making the necessary changes to the programmed basal rates. To change active basal pattern, see Basal Patterns on page XX.

Additional Options from Basal on Home Screen

You have selected Basal on the Home screen to access Insulin Settings and setup you basal patterns. Let's take a look at the other options found here.

Temp Basal Rate

This feature lets you immediately increase or decrease your basal insulin for the period of time (duration) that you set. It is often used for exercise and sick days.

A Temp Basal can be set in either:

- **Percent:** delivers a percent of the current basal rate
- **Rate:** delivers the amount that you enter

A temp basal can be set to deliver more or less than your current basal rate. It can be set in any 30 minute increment for up to 24 hours.

✓ Let's Practice: Setting a Temp Basal

This example will show setting a Temp Basal to deliver 60% of the current basal rate for the next 2 hours.

1. From the Home screen, select **Basal**.
2. Select **Temp Basal**.



3. Press **^** to set duration and press **o**.
4. Select **Next**.



5. Select **Percent**.
6. Press **^** or **v** to enter the percent of current basal rate desired.

*NOTE: If you choose to use Rate, press **^** to **Type** and press **o**. You can then enter the U/hr you want delivered.*

7. Select **Begin**.



The Home screen now reads **Basal (T)** to indicate that you have a Temp Basal active.

Select **Basal (T)** to review the details of the active Temp Basal.



When the Temp Basal delivery is complete, the basal will automatically return to the regularly programmed basal rate.

USING A TEMP BASAL...



Patricia loves to work in her garden. She often finds, however, that her glucose levels run lower when she does. Now she uses a temp basal rate to decrease the amount of insulin she gets while she is working. This helps keep her glucose levels from dropping too low.

✓ Let's Practice: Canceling a Temp Basal

If you need to return to your regularly programmed basal rate before your Temp Basal is completed, you can cancel it.

1. From the Home screen, select **Basal (T)**.



2. You can see the details about the Temp Basal. Select **Cancel Temp Basal**.

If you decide not to cancel, just press .



You can see that the home screen has now returned to **Basal**.



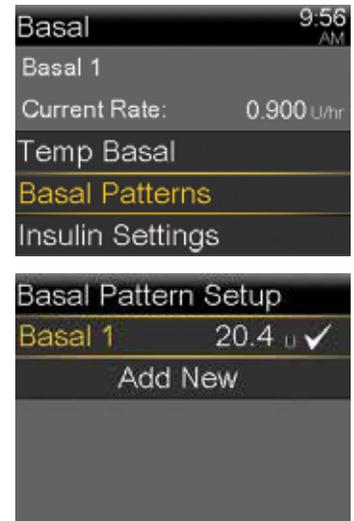
Basal Patterns

You will use the Basal Patterns option to do two things:

- Review the basal patterns that are currently set up
- Choose the basal pattern that you wish to be active

✓ Let's Practice: Reviewing Basal Patterns

1. From the Home screen, select **Basal**.
2. Press **▼** to **Basal Patterns** and press **○**.
3. Select the Basal Pattern you want to review.
4. Select **OK**.



✓ Let's Practice: Changing Active Basal Pattern

1. From the Home screen, select **Basal**.
2. Press **▼** to **Basal Patterns** and press **○**.
3. Select the Basal Pattern you want to make active.
4. Select **Begin**.

The checkmark indicates which Basal Pattern is active.

Notice that the active basal pattern has changed.



Section 7: Giving Boluses

Since you have been using a pump, you already know that giving boluses is one of the most common things that you do with the pump. Your boluses can be given in these ways:

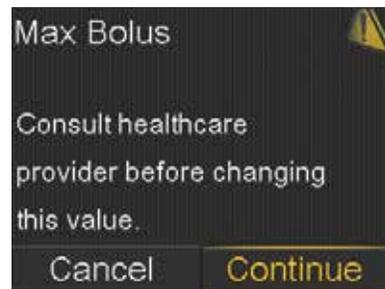
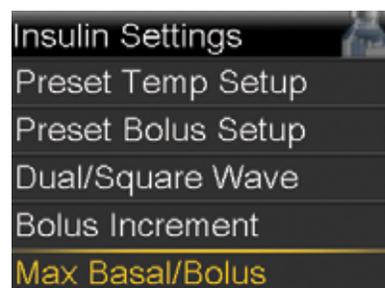
- Manual Bolus
- Easy Bolus
- Remote Bolus
- Bolus Wizard Bolus
- Preset Bolus

We will discuss Manual and using the Bolus Wizard calculator now. The other three will be discussed later in this guide.

Max Bolus

Before you continue, you may need to change your **Max Bolus** amount. Max Bolus is the maximum amount that can be given by any one bolus. Check your current pump settings. If your Max Bolus is an amount other than 10.0 U, follow these steps to change:

1. Press .
2. Select **Insulin Settings**.
3. Select **Max Basal/Bolus**.
4. Select **Max Bolus**.
5. A screen will appear to ensure you are entering a value that has been determined by you and your healthcare professional. If this change has been recommended by your healthcare professional, press  and select **Continue**.
6. Select **Max Bolus**.
7. Press  or  to enter number of units and press .
8. Select **Save**.



Giving a Manual Bolus

When giving a manual bolus, you simply enter the amount of bolus insulin that you think you need for the carbohydrates you are eating, or to lower your BG if it is high.

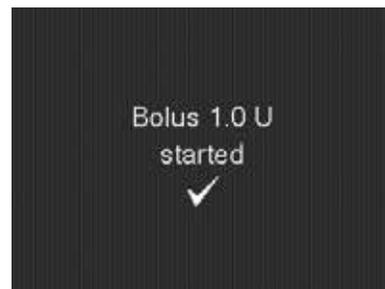
1. From the Home screen, select **Bolus**.
2. Press \wedge to 1.0 U and press \circ .



3. Select **Deliver Bolus**.



4. Confirmation that Bolus has started will appear.



The Home screen will show the amount as it is being delivered.

Notice that **Stop Bolus** also now appears.



Once the bolus has finished delivering, the pump will beep and/or vibrate and will return to the normal Home screen.

Notice that you can view your Active Insulin amount from the Home screen.



Stopping a Bolus that you have Started

There may be times when you need to stop your bolus - perhaps you realized you entered the wrong amount, or you get a phone call and cannot eat right now as planned. A Stop Bolus option appears on the Home screen while a bolus is delivering.

To stop a bolus you will now:

1. Select **Stop Bolus**.



2. Press **>** and select **Yes**.



3. Review **Bolus Stopped** screen to see how much of the bolus was delivered.

4. Select **Done**.

The **Bolus Stopped** screen will show you how much of the bolus insulin was delivered before it was actually stopped.



✔ Let's Practice: Stopping a Bolus

Give a manual bolus of 1.5 units and stop the bolus once it has started to deliver.

1. With **Bolus** highlighted, press **○**.
2. Press **^** to 1.5 u and press **○**.
3. Select **Deliver Bolus**.
4. Select **Stop Bolus**.
5. Press **>** and select **Yes** to stop bolus delivery.
6. Review **Bolus Stopped** screen to see how much of the bolus was delivered.
7. Select **Done**.

Bolus Wizard Calculator

The Bolus Wizard calculator uses your individual settings to calculate an estimated bolus amount based on your current BG reading and the number of carbs you are about to eat.

By counting carbs and using the Bolus Wizard calculator, you are able to give the right amount of insulin you need for your food and correction bolus. This can help you better control your glucose levels.



IMPORTANT: If you currently do not use the Bolus Wizard calculator, please **DO NOT PROCEED**. You must contact your healthcare professional to obtain the settings needed to use the Bolus Wizard calculator.



WARNING: Do not use the Bolus Wizard calculator to calculate a bolus for a period of time after giving a manual injection of insulin by syringe or pen. Manual injections are not accounted for in the active insulin amount. Therefore, the Bolus Wizard could prompt you to deliver more insulin than needed. Too much insulin may cause hypoglycemia. Consult with your healthcare professional for how long you need to wait after a manual injection of insulin before you can rely on the active insulin calculation of your Bolus Wizard calculator.

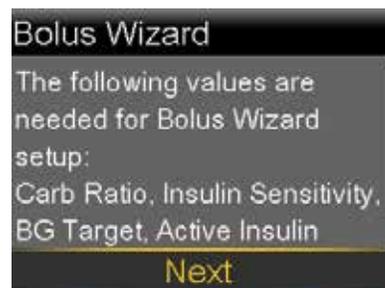
Bolus Wizard Setup

To use the Bolus Wizard calculator, you must first enter your settings. You will need your Carb Ratio, Sensitivity Factor, BG Targets and your Active Insulin Time to complete the setup.

X Enter Settings: Entering your Bolus Wizard Calculator Settings

Using either your most recent CareLink Personal settings report or the completed Setting Guide, follow these steps to enter your Bolus Wizard settings into your new pump.

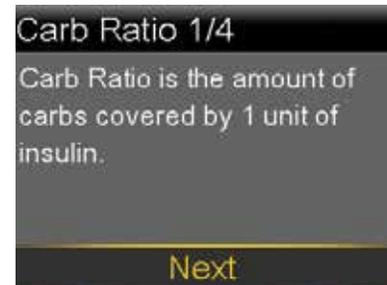
1. Press .
2. Select Insulin Settings.
3. Select **Bolus Wizard Setup**.
4. Select **Bolus Wizard** to turn on. This will take you directly into the set up screens.
5. Press  to continue reading text.
6. Select **Next**.



GETTING STARTED | GIVING BOLUSES

- Review the description of Carb Ratio and select **Next**.

*If you count exchanges and not grams, see page 68 to change the **Carb Unit** to **Exchange Ratio**.*



- Press on the time segment.
- If you have only one Carb Ratio, press **○**. If you have more than one Carb Ratio, press **^** or **v** to enter the time that your carb ratio ends and the second begins and press **○**.



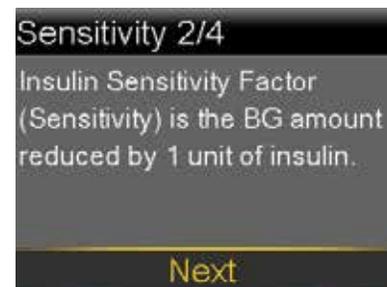
- Press **^** or **v** to enter the **g/U** of your Carb Ratio and press **○**. If you have more than one Carb Ratio, continue by entering your time segments and Carb Ratios until all are entered.

*This example shows only one carb ratio of 15. Enter the amount of **your** Carb Ratio.*

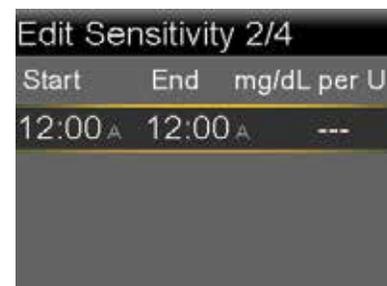


- Select **Next**.

- Review the description of Sensitivity Factor and select **Next**.



- Press **○** on the time segment.
- If you have only one Sensitivity Factor, press **○**. If you have more than one Sensitivity Factor press **^** or **v** to enter the time that your Sensitivity Factor ends and the second begins. Press **○**.



GETTING STARTED | GIVING BOLUSES

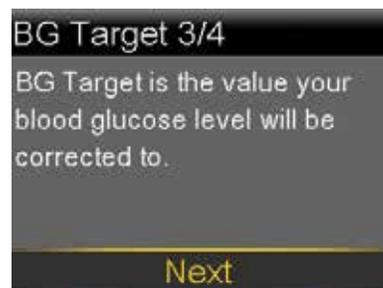
15. Press **^** or **v** to enter the **mg/dL per U** of your Sensitivity Factor and press **o**. If you have more than one Sensitivity, continue by entering your time segments and Sensitivity Factors until all are entered.

*This example shows only one Sensitivity Factor of 50. Enter the amount of **your** Sensitivity Factor.*



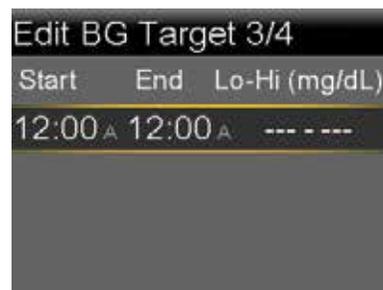
16. Select **Next**.

17. Review the description of BG Target and select **Next**.



18. Press **o** on the time segment.

19. If you only have one BG Target range, press **o**. If you have more than one BG Target range, press **^** or **v** to enter the time that your BG Target range ends and the second begins and press **o**.



20. Press **^** or **v** to enter the Lo target and press **o**.

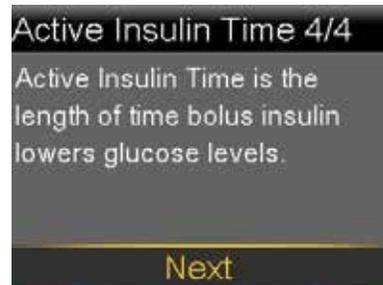
21. Press **^** or **v** to enter the Hi target and press **o**. If you have more than one Target Range, continue by entering your time segments and Lo and Hi targets until all are entered. *This example shows only one BG Target Range of 100-100. Enter **your** Lo and Hi BG Targets.*

22. Select **Next**.



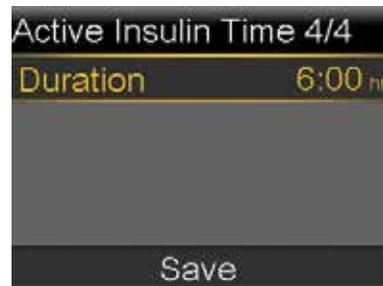
GETTING STARTED | GIVING BOLUSES

23. Review the description of Active Insulin Time and select **Next**.



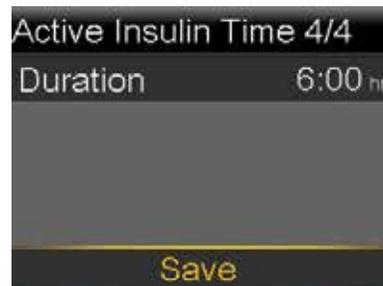
24. Select **Duration**.

25. Press **^** or **v** to enter the **Duration** of your Active Insulin Time and press **O**.



26. Select **Save**.

The Bolus Wizard Setup is now complete.



Now that you have completed the initial setup, you can see that the individual settings are now accessible menu items. If you need to make a change to any of these settings, you can press down to the setting, select it, and make the necessary changes.



Using the Bolus Wizard Calculator

Before we start, let's take a look at the Bolus Wizard calculator entry screen.

| Field | Value | Unit | Description |
|---|---------------------|-------|-------------|
| Current BG from BG meter | BG | mg/dL | 0.0 U |
| Active insulin being subtracted from correction insulin because it is still lowering glucose levels | Active Ins. adjust. | 0.0 U | 0.0 U |
| Number of grams of carbs you are eating | Carbs | g | 0.0 U |
| | Bolus | 0.0 U | 0.0 U |

3:01 PM

Next

Correction insulin needed for BG above target

Amount of active insulin being deducted

Insulin needed for carbs

Total estimated bolus amount

✓ Let's Practice: Food and Correction Bolus

Now you are ready to practice giving a bolus. This example shows giving a bolus for a BG and carbs. In this example we will use a BG value of 124 mg/dL and 35 grams of carb.



IMPORTANT: Make sure you are NOT connected to the pump while you are giving practice boluses.

1. From the Home screen, select **Bolus**.
2. Select **Bolus Wizard**.
3. If using the compatible meter, BG will be on screen. If not, select **BG**.
4. Press **^** or **v** to enter current BG, and press **o**.
Active Ins. adjust. is the active insulin from previous boluses that is being adjusted (subtracted) from the correction dose.
5. Select **Carbs**.
6. Press **^** to enter the amount of carbs you are eating and press **o**.
7. Select **Next**.
8. Select **Deliver Bolus**.

Bolus Wizard now appears. You can also give a Manual Bolus from here.



The BG value entered appears on the home screen and will remain here for 12 minutes.



GETTING STARTED | GIVING BOLUSES

There may be times you enter either a BG value or carbs. For example, you would enter:

- only grams of carb if you finished your meal, but are eating additional carbs.
- only a BG value if you tested 2 hours after your meal to see if you needed a bolus.

Let's Practice: Food Bolus with no BG

1. From the Home screen, select **Bolus**.
2. Select **Bolus Wizard**.
3. Press **▼** to Carbs and press **○**.
4. Press **▲** to enter the amount of carbs you are eating and press **○**.
5. Select **Next**.
6. Select **Deliver Bolus**.



NOTE: You will receive messages when you enter a BG below 70 mg/dL or above 250 mg/dL. These prompt you to take appropriate steps to treat as instructed by your healthcare professional. You will see an example in the next practice exercise.

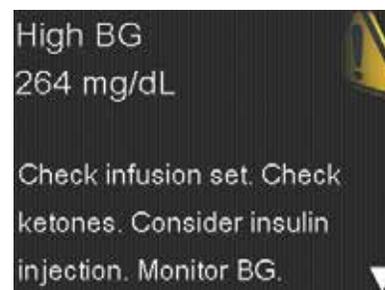
✔ Let's Practice: Correction Bolus With No Food

This example shows giving a bolus for a BG value of 264 mg/dL.

1. From the Home screen, select **Bolus**.
2. Select **Bolus Wizard**.
3. If using the compatible meter, BG will be on screen. If not, select **BG**.
4. Press **^** or **v** to enter current BG, and press **o**.
5. Press **v** to **Next** and press **o**.
6. The High BG message will appear. Read text and press **v**.
7. Continue reading text and take appropriate action to prevent DKA.
8. Select **OK**.

For more information on addressing Alerts, see page 85.

9. Select **Deliver Bolus**.



NOTE: You can learn how to give the other types of boluses in the *Additional Features* section of this guide.

Checking Last Bolus

There may be times when you need to see the time or amount of the last bolus that was given. For example, you may not remember if you took a bolus at lunch and want to check to make sure. You can see the last bolus delivered in the **Quick Status** screen.

✔ Let's Practice: Checking Last Bolus

1. From the Home screen, press \wedge to the **Status Bar** and press \circ .
2. Press \vee to **Quick Status** and press \circ .

The (N) behind the Last bolus amount means the bolus was delivered as a normal bolus. There are additional ways to give a bolus which you will learn about later.



| Quick Status | | 7:50 PM |
|--------------|-------------|---------|
| Last bolus | 2.800 U (N) | 7:27 PM |
| | | Jul 15 |
| Last BG | 265 mg/dL | 9:06 PM |
| | | Jul 15 |

Checking Bolus History

You may also want to review the last several boluses that were delivered. For example, a parent might want to view the boluses their child gave throughout the day. You can see the last several boluses delivered in Daily History.

✔ Let's Practice: Checking Bolus History

You can see the last several boluses you delivered in **Daily History**.

1. Press .
2. Press \vee to **History** and press \circ .
3. Press \vee to **Daily History** and press \circ .
4. Press \circ on the day you would like to review.



| Daily History | | 7:50 PM |
|-------------------|--|----------|
| Bolus (N) 0.500 U | | 3:32 PM |
| Bolus (N) 1.000 U | | 2:07 PM |
| Bolus (N) 0.500 U | | 11:55 AM |
| ◀ Fri, Mar 30 ▶ | | |

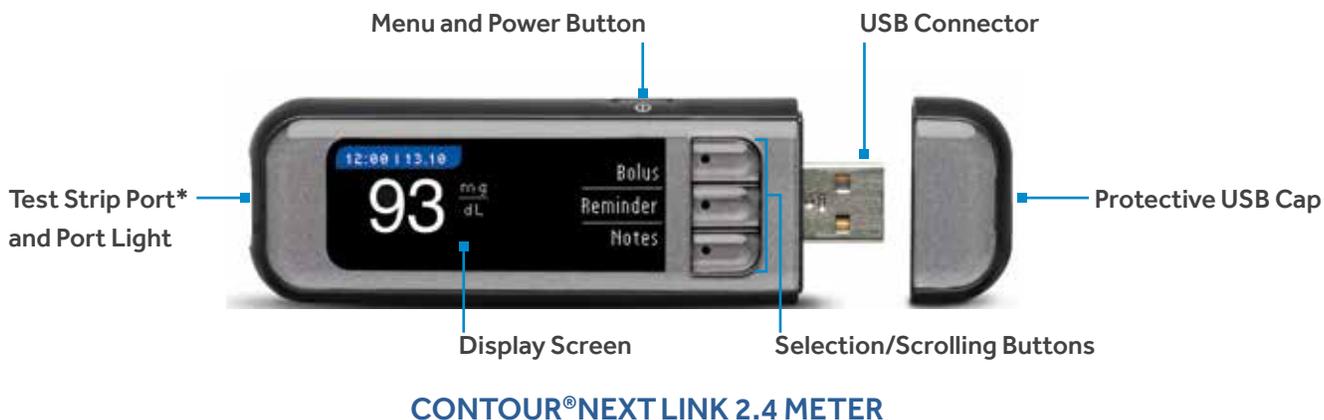


DID YOU KNOW? You can use the \lt and \gt arrows to move from day to day. You can also see further details by pressing \circ on any item listed.

Using the CONTOUR[®]NEXT LINK 2.4 Meter

This CONTOUR[®]NEXT LINK 2.4 meter is the only meter able to communicate wirelessly with your MiniMed 630G insulin pump. This allows you to automatically send your glucose readings to your pump, give remote boluses, and upload your pump and meter information to CareLink software. This section will discuss these features.

Review the parts of your meter here:



Section 1: Charging your Meter

Your meter has a permanent rechargeable battery. To charge your meter:

1. Remove the cap to reveal the USB connector.
2. Plug the USB connector into the wall charger or a computer.

The computer must be ON and not in sleep, hibernate or power save mode.

3. The meter will briefly display **Do Not Test-charging** and the test strip port light will flash. You cannot do a blood glucose test while the battery is charging.



4. When charging is complete, the test strip port light will turn off. You can then unplug your meter. For more information on using your meter, see the User Guide found in the meter box.

* The CONTOUR[®]NEXT LINK 2.4 meter only works with CONTOUR[®]NEXT glucose testing strips.

Section 2: Connecting the Pump and Meter

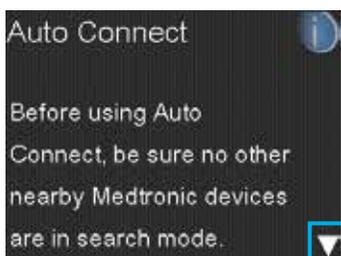
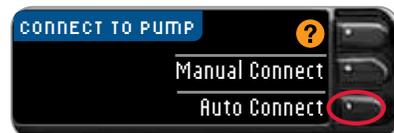
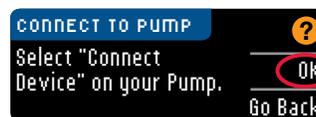
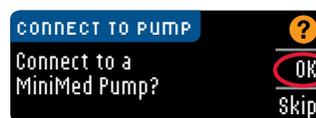
When the pump and meter are connected, blood glucose results can be sent from the meter to the pump. It also allows you to deliver a remote bolus from the pump. Follow these steps to connect your meter to your pump.

1. Hold the Menu button until meter turns on.
2. Scroll to your language and press **OK**. Press **OK** to confirm.
3. Press **OK** when asked **Connect to a MiniMed Pump?**
4. Press **OK**.
5. Press **Auto Connect**.

Put the meter down and pick up your pump.

6. Press .
7. Select **Utilities**.
8. Select **Device Options**.
9. Select **Connect Device**.
10. Select **Auto Connect** on your pump.

11. Press .
12. Press .
13. Select **Continue**.

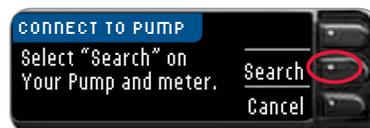


Place the meter and pump next to each other.

14. Select **Search** on your pump.

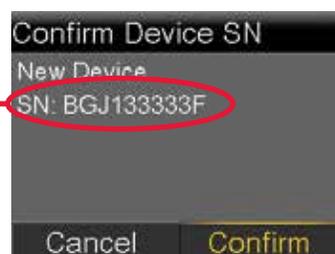


15. Select **Search** on your meter.

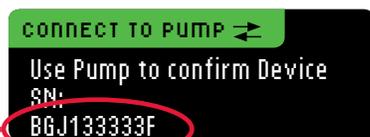


The search may take up to 2 minutes.

16. Check to see that the Device SN (serial number) on the pump screen matches the Device SN on the meter.



17. If they match, select **Confirm** on the pump.



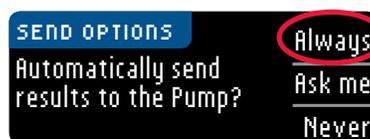
18. Check to see that the SN on the back of the pump matches the SN now on the meter screen.



19. Select **Next** on the meter.



20. Select **Always**.*



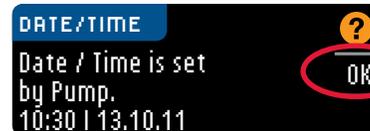
21. Then select **OK**.

22. Select **Date Format**.



23. Select **OK**.

If time and date are not correct, you must change them on the pump.



*For more detail on this feature see your meter guide.

24. Press **Accept** to select **AutoLog is Off**.

*AutoLog allows you to mark a test result as Before Meal, After Meal, or Fasting.**



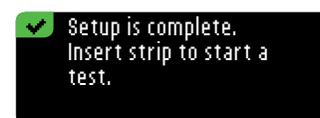
25. **Accept** or **Change** High and Low Alerts.*



26. **Accept** or **Change** the Target Range.*
Press **Accept** again to confirm.



27. Setup is now complete and you are ready to use meter.



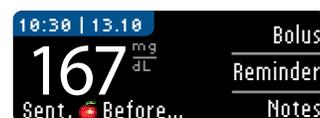
Section 3: Giving a Remote Bolus

Once your pump and meter are connected, you have the option of delivering a manual bolus through the meter without accessing the pump.

1. Press .
2. Select **Utilities**.
3. Select **Remote Bolus**.
4. Select **On**.

You can now follow these steps to deliver a bolus:

1. If you have just tested, press **Bolus** on the meter while the test result is displayed
OR
From the menu, press **Bolus**.



2. Press **Manual Bolus**.



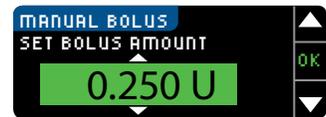
*If you have a Preset Bolus set in your pump, it can be also be delivered from the meter.**



*For more detail on this feature see your meter guide.

3. Use the ▲ button to set the bolus amount.

In this example, a 0.250 U bolus has been set.



4. Press **Yes** to send the bolus to your pump.



5. A confirmation screen appears on the meter.



6. The bolus delivery appears on the pump as it is delivering.



Section 4: Using CareLink Personal Software

When uploading your information from your pump to CareLink software, you will use the meter as the communication device from the pump to your computer.

USB Connector used for CareLink software upload



CONTOUR®NEXT LINK 2.4 METER

If you are not currently using CareLink Personal software, you can follow these steps to set up your account:

1. Go to **www.medtronicdiabetes.com/carelink**
2. Click the **Sign Up Now** button.
3. Choose your country and language.
4. Read and **Accept** the Terms of Use and Privacy Statement.
5. Create a Username and Password and enter all required information.
6. Click the **Submit** button.

CareLink software will organize your pump and glucose meter information into easy read reports and charts. Reviewing this data can help you and your healthcare professional to identify glucose patterns and trends so you can determine if any pump settings need to be adjusted.

Set up your CareLink Personal account so you can upload your pump and meter every 2 to 3 days after you start using your pump. You and your healthcare professional will be able to review your information and adjust your pump settings as needed.

Changing the Reservoir and Infusion Set

The MiniMed 630G pump uses the same infusion sets and reservoirs as previous Medtronic Paradigm insulin pumps. If you were using a Medtronic pump, much of this process will be the same. However, please follow these steps as there are a few very important changes.

If you have not used a Medtronic pump, please use the Quick Reference Guide to changing your infusion set provided by your trainer.



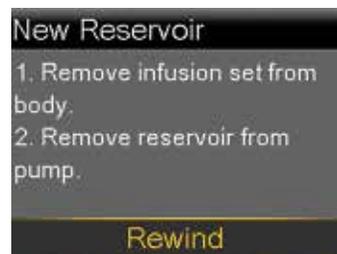
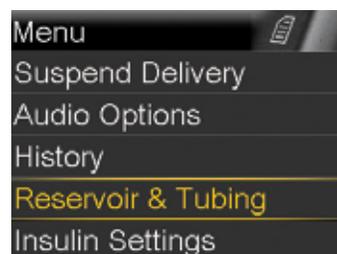
IMPORTANT: Remember to always remove current reservoir and infusion set before rewinding the pump.

X Changing Reservoir and Infusion Set

1. Press .
2. Select **Reservoir & Tubing**.

3. Select **New Reservoir**.
4. Remove the used infusion set from your body.

5. Remove the empty reservoir from the pump.
6. Select **Rewind**.



You will see this screen while the pump is rewinding. The pump will beep and/or vibrate when rewind is complete.



Complete these steps just like you have done in the past.

1. Fill the reservoir with insulin.
2. Connect the infusion set tubing to the reservoir.
3. Press **Next**.



IMPORTANT: Be careful not to get any liquid inside the tubing connector as this can temporarily block the vents that allow the pump to properly fill the infusion set. This may result in the delivery of too little or too much insulin, which could cause hypoglycemia or hyperglycemia. To help prevent this, when filling the reservoir, make sure the insulin vial is upright when removing the reservoir from the transfer guard.

4. Place the newly filled reservoir into the pump and lock.
5. Select **Next**.



IMPORTANT: Pay close attention to these next steps.



First, you will **Load Reservoir**. This moves the piston to the bottom of the reservoir:

6. Select **Load** and keep holding **O** until the checkmark appears.

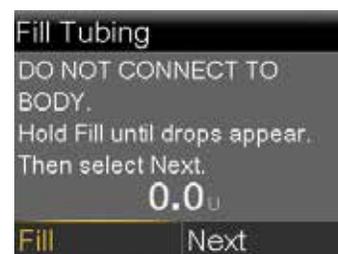


7. Select **Next**.

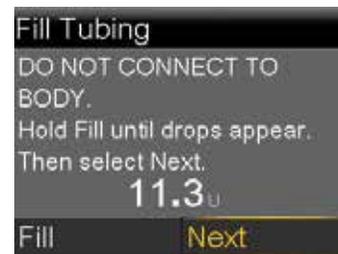


Then you will **Fill Tubing**. This moves insulin through the end of the tubing

8. Select **Fill** and keep holding **O** until you see drops at the end of the tubing.



9. Press > and select **Next**.



To finish, insert infusion set and fill the cannula:

10. Prepare and insert the infusion set into the body.

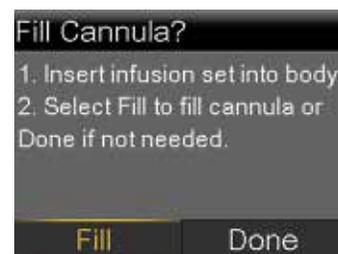


IMPORTANT: Always rotate your site when you change your infusion set.

11. You will now fill the cannula.

12. Select **Fill**.

*If you use a needle set (for example, the Sure-T infusion set), select **Done**. Otherwise, proceed to step 11.*



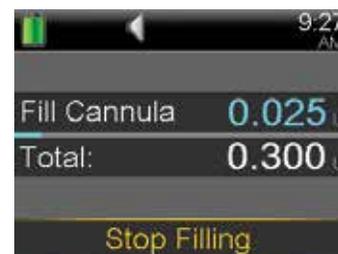
13. Select **Fill Amount**.

14. Press to correct units and press .

If you don't know how many units to use, see the User Guide in the infusion set box.

15. Select **Fill Now**.

The pump will remember the Fill amount you enter.



The Home screen will show the cannula fill. If for any reason you need to stop filling, for example, you realized you used the wrong amount, select **Stop Fill**.

Your infusion set change is now complete.

Additional Features

You have now learned the features that are necessary to use your pump. There are, however, additional features that you may already use on your current pump and others that are new that you might find helpful.

This section will discuss the additional menu options and features that are available on your new insulin pump.

Section 1: History

The History option allows you review information from previous days. This section will look more closely at what items can be found here.

To access History:

1. Press .
2. Press  to **History** and press .



When you select the Menu item, you will see the following items. By selecting each item, you will see the following information:

Summary

- Shows the Total Daily Dose of insulin delivered
- Provides a summary of the total Basal insulin delivered, total Boluses given, total carbs, descriptions of boluses given and BGs recorded
- You can look at one day or an average of 7, 14, or 30 days

Daily History

- List of actions you performed or event entries that you made, for example, BG readings, bolus deliveries, temp basals etc.
- You can scroll left and right to move to previous or next day

Alarm History

- Lists Alarms and Alerts that occurred during each day
- You can scroll left and right to move to previous or next day

Section 2: Insulin Settings

Insulin Settings menu contains features and settings that affect or change your pump's delivery of insulin. We previously went to Insulin Settings to access **Bolus Wizard Setup** and **Basal Pattern Setup**. We will now look at the additional items found in this menu.



IMPORTANT: You should practice using the following features BEFORE you start using insulin in your new pump.

If you are already using the pump, DO NOT deliver any boluses or change insulin delivery until necessary to do so. ALWAYS disconnect your pump while you practice using these new features.

Preset Temp Setup

Like a Temp Basal, a Preset Temp Basal is used to increase or decrease your current basal insulin amount. When the same Temp Basal is required on a frequent basis, you can set a Preset Temp Basal for that amount and duration. The Preset Temp Basal can then simply be started when the basal rate change is needed.

X Setting a Preset Temp Basal

1. Press .
2. Select **Insulin Settings**.
3. Select **Preset Temp Setup**.
4. Select **Add New**.
5. Press  to the desired name and press .

In this example, we will use High Activity.

6. Press  and select **Percent** to set percent of current basal rate you wish to receive.

*Select **Type** to change to Rate if you prefer to set the number of units to be delivered.*

7. Select **Duration** and press  to the length of time you wish the Temp Basal to be active.
8. Select **Save**.



USING A PRESET TEMP BASAL...



Janya uses the same Temp Basal every time she takes her favorite exercise class. Now instead of programming the Temp Basal before every class, she can simply start the Preset Temp that she has programmed.

X Starting a Preset Temp Basal

When you are ready to use your Preset Temp Basal:

1. From the Home screen, select **Basal**.
2. Select **Preset Temp**.
3. Select the Preset Temp you wish to start.

Preset Temp now appears on the Basal screen.



4. Select **Begin**.

The Home screen will again show **Basal (T)**.

Preset Bolus

A Preset Bolus can be set and used for bolus amounts that you give repeatedly. For example:

- You might use for your meal boluses if you give set insulin doses.
- You might set this for commonly eaten items that you know the carb content and how much insulin you need.

USING A PRESET BOLUS...



Ana uses the Bolus Wizard calculator to give her boluses. But she knows that every morning, it calculates 1.7 u for her latte. She set up a Preset Bolus for 1.7 u and finds it easier to give her bolus this way.

X Setting a Preset Bolus

1. Press .
2. Select **Insulin Settings**.
3. Select **Preset Bolus**.
4. Select **Add New**.
5. Press  to the desired name and press .

In this example, we will use Snack.

6. Select **Bolus**.
7. Press  to enter the desired units and press .
8. Select **Type** if you want to set as Square or Dual Wave.

A Preset Bolus can also be set to deliver as a Square or Dual Wave bolus. See page 51 for more information.



X Giving a Preset Bolus

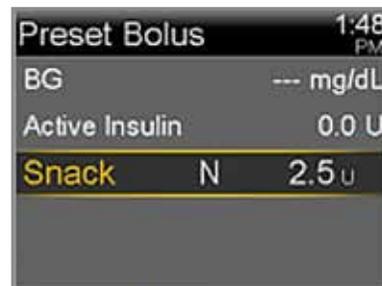
When you are ready to use your Preset Bolus:

1. From the Home screen, select **Bolus**.
2. Select **Preset Bolus**.

Preset Bolus now appears on the Bolus screen.



3. Select the Preset Bolus you wish to start.



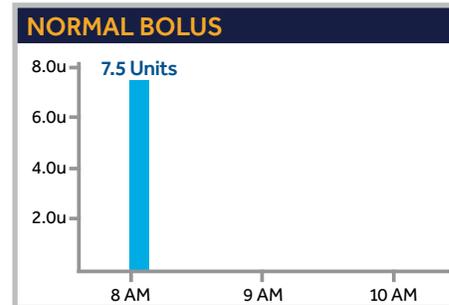
4. Select **Deliver Bolus**.



Dual Wave/Square Wave Bolus

The practice boluses that were given earlier were delivered as **Normal** boluses; that is, as a single immediate dose of insulin. This is the type of bolus you would typically use to cover normal food intake and to correct a high BG.

The pump also lets you deliver bolus insulin as a Dual Wave or Square Wave bolus. These can help better match the effects food has on your glucose levels.



X Turning Dual and Square Wave Bolus On

To use either of these bolus options, it must first be turned on.

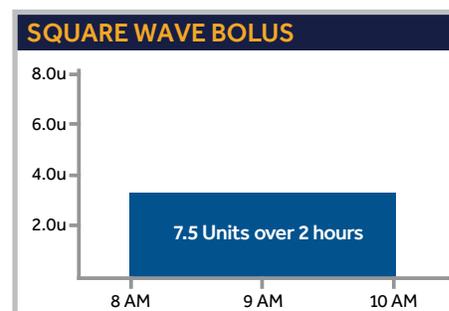
1. Press .
2. Select **Insulin Settings**.
3. Select **Dual/Square Wave**.
4. Select **Dual Wave** to turn **On** if desired.
5. Select **Square Wave** to turn **On** if desired.
6. Select **Save**.



Square Wave Bolus

A Square Wave bolus delivers a bolus over an extended period of time. This can be helpful:

- To match delayed food digestion due to gastroparesis.
- For meals very low in carbohydrate but high in fat.
- When snacking on small amounts of carb over period of time, for example, at a reception.



When setting a Square Wave bolus, you will need to determine the duration that you want the bolus to deliver (30 minutes to 8 hours in 30 minute increments). This will vary depending on you individually, as well as the situation for which the Square Wave bolus is being used. Frequent glucose testing should be done until you and your healthcare professional have determined the best use for you.

You will be unable to deliver a Square bolus if the Bolus Wizard calculator has estimated a bolus for a high BG, since that insulin is needed right away.

USING A SQUARE WAVE BOLUS...



Sarah eats at her desk at work and it takes her a while to finish because she often gets distracted. She delivers her lunch bolus as a Square Wave bolus over 45 minutes to help make sure her insulin doesn't start to work before her carbs are digested.

X Giving a Square Wave Bolus

This example will show a Square Wave bolus using the Bolus Wizard calculator with a BG value of 103 mg/dL and 41 grams of carb.

1. From the Home screen, select **Bolus**.
2. Select **Bolus Wizard**.
3. Enter BG and Carbs.
4. Select **Next**.



5. Press **^** and **>** to **Square** and press **O**.



6. Select **Duration**.
7. Press **^** to desired time and press **O**.
8. Select **Deliver Bolus**.



Bolus (S) will appear on the Home screen until bolus delivery is complete.



Select **Bolus (S)** and:

- Review bolus status, then press to return to Home screen.
- Select **Stop Bolus** to stop delivery.
- Select **Bolus Menu** to deliver a normal bolus while the square is delivering.



Dual Wave Bolus

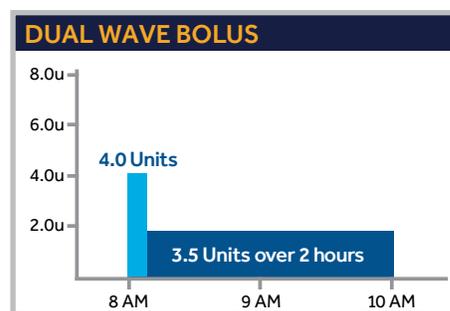
A Dual Wave bolus combines the Normal and the Square Wave bolus. It delivers part of the bolus as a Normal Bolus (Now) and part as a Square (over time).

A Dual Wave bolus can be helpful for meals high in both carbs and fat. Fat delays the digestion of carbs, meaning glucose doesn't enter bloodstream right away. Giving some insulin as a normal bolus covers any immediate glucose rise. Giving the rest over time as a square helps to match the delayed glucose rise.

When setting a Dual Wave bolus, you will need to determine:

- The percentage / amount of insulin you want delivered immediately and how much over time.
- The duration of time over which you want the square portion delivered.

This will vary depending on you individually, as well as the types of foods that are in the meal for which the Dual Wave bolus is being used. Frequent glucose testing should be done until you and your healthcare professional have determined the best use for you.



X Giving a Dual Wave Bolus

This example will show a Dual Wave bolus using the Bolus Wizard calculator with a BG value of 131 mg/dL and 63 grams of carb.

1. From the Home screen, select **Bolus**.
2. Select **Bolus Wizard**.
3. Enter BG and Carbs. Notice in this example, the total bolus for BG is 0.6U and 4.2U for carbs.
4. Select **Next**.



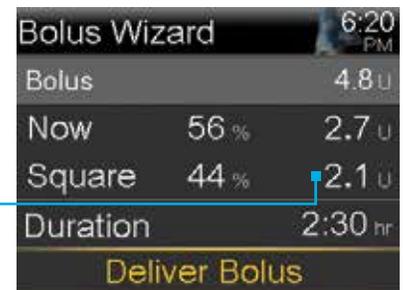
5. Press **^** to **Dual** and press **○**.

Square is not an option since a correction bolus was estimated so some insulin is needed now.



6. Select and press **^** or **v** to change the amount of the bolus that is delivered **Now** and the amount delivered as **Square** if needed.
7. Select **Duration**.
8. Press **^** to desired time and press **○**.
9. Select **Deliver Bolus**.

Bolus for carbs is divided 50% Now and 50% Square. Bolus for BG is added to Now.



Bolus (Dual) will appear on the Home screen while the Now portion is delivering.



Bolus (D) will appear on the Home screen until the Square delivery is complete.



Select **Bolus (D)** and:

- Review bolus status, then press to return to Home screen.
- Select **Stop Bolus** to stop delivery.
- Select **Bolus Menu** to deliver normal bolus while the square is delivering.



USING A DUAL WAVE BOLUS...



When William ate pizza, his glucose level would be good for a while, but then 3 or 4 hours later it would be high. Now he uses a Dual Wave bolus to help reduce these post-meal highs.

Bolus Increment

The Bolus Increment determines the number of decimal places a bolus will be set or calculated. You will notice the bolus increment:

- In the amount that a bolus is increased or decreased with each button press when setting a Manual or Preset Bolus (this does not apply to Easy Bolus).
- On the Bolus Wizard calculator details screen in the number of decimal points used to calculate the bolus.



NOTE: Changing this setting may be most helpful if you give small boluses.

X Setting the Bolus Increment

If you need to use a Bolus Increment other than 0.1 U, follow these steps to change:

1. Press .
2. Select **Insulin Settings**.
3. Select **Bolus Increment**.
4. Select **Increment**.
5. Press  to change **Increment**.
Increment can be set to 0.1 U, 0.05 U, or 0.025 U
6. Select **Save**.



Easy Bolus

The Easy Bolus allows you to give a bolus using the \wedge button on your pump. You determine the bolus amount by the number of times you press \wedge .

This feature may be beneficial if you:

- Are giving manual boluses for meals.
- Want to be discreet when bolusing.
- Want to confirm a bolus amount using beep or vibrate.

Before using the Easy Bolus, you must turn the feature On and select the increment. The increment is the amount that each press of the \wedge button represents. It will be important that you remember what this increment is - it will determine how much bolus you are giving. For example, if the increment is set at 0.5u, and you need a 3.0 unit bolus, you will need to press \wedge 6 times to get to 3.0 units.

USING THE EASY BOLUS...



Marten prefers to use the Easy Bolus when he is in a meeting and having a snack. This allows him to be more discreet.

X Setting up the Easy Bolus

1. Press .
2. Select **Insulin Settings**.
3. Select **Easy Bolus**.
4. Select **Easy Bolus** to turn **On**.
5. Press \vee to **Step Size** and press .
6. Press \wedge to change increment to desired units.
This example shows the step Size at 1.0 U. Each press of the \wedge button will represent 1.0 U
7. Select **Save**.



X Giving an Easy Bolus

1. With the pump in Sleep mode, hold \wedge for about 1 second.

Your pump sounds a tone or vibrates and the Easy Bolus screen appears.



NOTE: If the pump does not sound a tone or vibrate, you may not be in Sleep mode. Hold the menu key for about 2 seconds and then hold \wedge again.

2. Press \wedge the number of times needed to set your bolus based on the increment that you chose.

*Your pump sounds a tone or vibrates for each button press.
In this example using an increment of 1.0 U, \wedge was pressed 3 times.*

3. When your desired bolus amount is set, press and hold \wedge for about 1 second to confirm the amount.

*The pump repeats a tone or vibrate for each increment.
Count to ensure the amount is correct.*



4. Is the amount correct?
Yes: hold \wedge for about 1 second to deliver the bolus.
No: press \vee to cancel and return to Step 1 to start again.



IMPORTANT: Pressing \wedge during any part of this process, cancels the Easy Bolus. You will hear three tones signifying a bolus has not been given.

Auto Suspend

Auto Suspend is a safety feature that sounds an alarm and stops all insulin delivery if you do not press any buttons for the number of hours that you set. It is meant for situations when you are not responding to hypoglycemia.

Auto Suspend is most useful if you live or travel alone. It is important to use if you have difficulty responding appropriately to lows, have hypoglycemia unawareness, if you are susceptible to lows due to alcohol intake, or have a history or fear of lows at night.

Auto Suspend should be set based on your schedule. Let's say you typically go to bed about 11:00P. At about 10:00P each evening you do a BG check and check your pump (buttons would be pressed). You usually get up at 7:00A and eat breakfast around 8:00A. What happens if:

- Auto Suspend is set for 8 hours: Alarm would go off at 6:00A if no buttons had been pressed. Since you don't get up until 7:00A, this could be a nuisance.
- Auto Suspend is set for 12 hours: Alarm would go off at 10A if no buttons had been pressed. You should have been up by now and given a bolus. If in a dangerous situation, receiving this alarm and stopping insulin could be very helpful.
- Auto Suspend is set for 18 hours: Alarm would go off at 4:00P if no buttons have been pressed. You should have been up and given bolus several hours ago. If in a dangerous situation, you may want to be alarmed and have delivery stopped sooner.

Choose the number of hours that seems right for you.

X Setting Auto Suspend

1. Press .
2. Select **Insulin Settings**.
3. Select **Auto Suspend**.
4. Select **Alarm** to turn **On**.
5. Press **▼** to **Time** and press **○**.
6. Use **▲** or **▼** to change number of hours.
This example shows Auto Suspend set at 12 hours.
7. Select **Save**.



USING AUTO SUSPEND...



Thomas is a runner and finds the days he runs, he is more prone to hypoglycemia at night. He often sets a temp basal, but when using Auto Suspend, he sleeps even more confidently because he knows his pump will stop delivering insulin and alarm if he isn't waking up when he should.

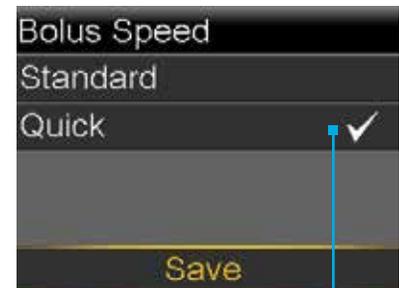
Bolus Speed

The Bolus Speed determines how long it takes to deliver a Normal bolus. The Standard rate delivers at 1.5 units per minute, the Quick rate delivers 15 units per minute.

This setting is really a personal preference. You might consider changing to the quick rate if you regularly take larger boluses.

X Setting the Bolus Speed

1. Press .
2. Select **Insulin Settings**.
3. Select **Bolus Speed**.
4. Select the speed that you want to be active.
5. Press  to **Save** and press .



Notice the active bolus speed is checked.

SETTING BOLUS SPEED...



Antonio often gives boluses of 20 or 25 units. He has his Bolus Speed set on Quick so it doesn't take as long for his bolus to be delivered.

Section 3: Event Markers

Event Markers let you record when certain events related to your diabetes control occur.

You can use Event Markers to record:

- **BG**: a BG value when not using the Bolus Wizard calculator
- **Injection**: the amount of insulin taken by injection
- **Carbs**: the amount of carbs eaten when not using the Bolus Wizard calculator
- **Exercise**: the length of time you exercised so you can better see the effect it had on your glucose readings
- **Other**: for example a hypoglycemic event or other diabetes medications taken

X Marking an Event

1. Press .
2. Select **Event Markers**.
3. Select the desired event.
4. Select the additional information requested.
5. Press  to the correct amount and press .
6. Select **Save**.



USING EVENT MARKERS...



Kylie exercises regularly. She likes to be able to see how it affects her glucose levels. She enters an exercise event marker when she begins exercise. These markers then appear on her CareLink reports helping her and her healthcare professional better understand if she needs to make different insulin adjustments during this time.

Section 4: Reminders

Reminders can be set to alert you of important information or to do routine activities. There are several reminders that can be set as shown in the Reminders menu seen here.

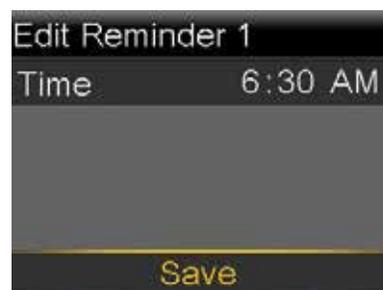


Personal Reminder

Similar to an alarm clock, you can set the pump to beep or vibrate (depending on your Audio Settings) at any time that you choose. It could be set to remind you to do a BG Check, to take Medication, or any other reason you desire.

X Setting a Personal Reminder

1. Press .
2. Select **Reminders**.
3. Select **Personal**.
4. Select **Add New**.
5. Select the desired name.
6. Select **Time**.
7. Use  and  to select a desired time and press .
8. Select **Save**.



Bolus BG Check Reminder

Turning Bolus BG Check on, gives you the option to set a reminder when you give a bolus. This can be helpful to remember to test, for example, 2 hours after your meal, or 1 hour after a correction bolus.

X Turning Bolus BG Check On

1. Press .
2. Select **Reminders**.
3. Select **Bolus BG Check**.
4. Select **Reminder** to turn **On**.
5. Press  and select **Save**.



Now you are able to set a reminder each time you deliver a bolus. The **BG Check** screen will display on your pump after the bolus is delivered, asking you when you want to be reminded.

X Setting a Bolus BG Check Reminder

1. Press \wedge to desired time and press \circ .
2. Select **OK**.

If you don't want to receive a reminder after the bolus,

1. Press \circ (on the dashes).
2. Select **OK**.



BOLUS BG CHECK REMINDER...



When Andrea first started using her pump, she set a Bolus BG Check reminder for 2 hours after each meal bolus. She and her healthcare professional then made adjustments to her Carb Ratio and now she feels confident she is getting the correct amount of insulin for the food she eats.

Missed Meal Bolus Reminder

The Missed Meal Bolus reminder will alert you if you do not give a bolus during your normal meal/snack times. For example, you typically eat lunch at noon, but you are often busy at work and forget to bolus. You could set this reminder for 11:00am – 1:00pm. If you give a bolus between this time, no alert will sound. However, if you don't give a bolus during this time, you would be notified. If you did eat and forgot to bolus, you could then test your BG and give a correction bolus if necessary.

X Setting a Missed Meal Bolus Reminder

1. Press \mathcal{E} .
2. Select **Reminders**.
3. Select **Missed Meal Bolus**.
4. Select **Add New**.
5. Select **Start Time**.
6. Enter time and press \circ .
7. Select **End Time**.
8. Enter time and press \circ .
9. Select **Save**.



Low Reservoir Reminder

The Low Reservoir reminder notifies you when the number of units left in your reservoir reaches the amount you set here. The default setting for this reminder is 20 units, meaning you will get a Low reservoir alert when you have 20 units remaining in your reservoir, and again when half of that amount (10 units) is left. You can set the number of units according to your individual needs.

USING LOW RESERVOIR REMINDER...



Gorge's meal boluses are usually between 15 and 20 units. He increased his Low Reservoir reminder amount to 40 units. If he receives his reminder after he leaves for work, he knows he still has enough insulin for his lunch, a snack, and his basal needs.

X Setting a Low Reservoir Reminder

1. Press .
2. Select **Reminders**.
3. Select **Low Reservoir**.
4. Press  to **Units** and press .
5. Press  or  to desired units and press .
6. Select **Save**.



NOTE: Low Reservoir Warning can be set in either Units or Time. We generally recommend choosing Units. Time left is only based on basal insulin per hour. If a bolus is given, the amount of time left can decrease more quickly than anticipated.

Set Change Reminder

The Set Change reminder will remind you when your infusion set is due to be changed. You can set it for either 2 or 3 days. When turned on, you will receive a message when either 48 hours (2 days) or 72 hours (3 days) have passed since your last change.

X Setting a Set Change Reminder

1. Press .
2. Select **Reminders**.
3. Select **Set Change**.
4. Select **Reminders** to turn **On**.
5. Press  to **Time** and press .
6. Change days if desired and press .
7. Select **Save**.



Turning Reminders Off

Any reminder that is set can be changed, turned off, or deleted at any time. This is done by simply going back into the reminder and selecting the desired option.

Section 5: Utilities

The remaining features that have not yet been discussed and are found in the Utilities menu.

To access the Utilities menu:

1. Press .
2. Select **Utilities**.
3. Select the desired menu item.

See below for a brief description of each.

Airplane Mode

Airplane Mode temporarily stops wireless communication between your pump and connected devices. This can be used during airline travel when you are instructed to turn off wireless devices. You will learn more about this feature when using continuous glucose monitoring.

Time & Date

You may need to change the Time and Date on your pump, for example, when you are traveling to different time zones or for daylight savings time changes. It is very important that the time and date are always correct so that basal rates deliver properly and CareLink uploads are correct.



Block

The Block feature allows caregivers, such as parents of a young child, to restrict access to critical pump settings and functions. When Block is on, the child is unable to do things like give a bolus or change a basal rate. Features that cannot be accessed will be in gray and are unselectable. Anytime a bolus needs to be given or a temp basal started, for example, Block will need to be turned off. It can then be turned back on.



NOTE: You can choose to use the Remote Bolus feature when the Block feature is on.

Remote Bolus

Remote Bolus must be on if you want to give boluses remotely from your CONTOUR®NEXT LINK 2.4 meter. See page 38 for more information on giving a remote bolus.

Self Test

The Self Test checks to see that the display, notification light, vibration and tone are all working properly. This test is in addition to the routine tests that the pump runs. If an error message is displayed at the end of the test or you observe the pump not behaving as indicated, contact the 24-hour helpline or your local representative.

Carb Unit

Carb Unit lets you change from using **Grams** to using **Exchanges** when entering food into the Bolus Wizard calculator and using Event Markers.

Notice that the active selection is marked with a checkmark.



Manage Settings

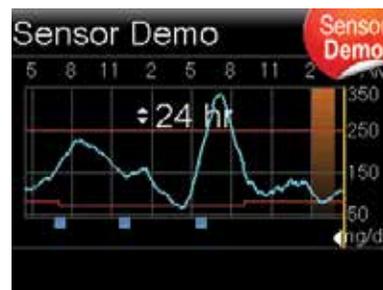
Manage Settings lets you save, restore, clear active insulin, or clear all settings. When you select Manage Settings, you will see the screen shown here. Hold the > and < buttons together to access.



- **Save Settings:** do this any time new settings are entered or settings are changed.
- **Restore Settings:** use this to restore the settings you have saved; can be used if the pump is asking you to re-enter your settings.
- **Clear Active Insulin:** you can only use this option **once**. It needs to be done before first using the pump with insulin to clear active insulin from practice boluses that were given.
- **Clear All Settings:** never clear unless directed to do so by your healthcare professional.
- **Settings History:** lists the times you have saved, restored or cleared your settings.

Sensor Demo

Sensor Demo shows you samples of alerts and graphs that you would hear and see if using continuous glucose monitoring.



Language

Allows you to select the language of your choice.

Training Handouts

This section contains handouts that you can refer to during or after training when performing the most common tasks with your pump. These include:

- Insulin Pump Settings Guide
- Basal Quick Reference Guide
- Bolus Quick Reference Guide
- Changing the Quick-Set Infusion Set
- Safety Rules Quick-Reference Guide for Insulin Pump Therapy

Feel free to tear these out and keep them in a place that is convenient for you.

Complete this form with your current pump settings if a recent CareLink Personal settings report is not available. You can then use it when entering settings into your new pump. Under each setting, you will see the steps to finding it if using a Paradigm pump.

BASAL SETTINGS

MAX BASAL RATE:

Main > Basal > Basal Setup > Max Basal Rate
_____ U/H

STANDARD BASAL RATE:

Main > Basal > Basal Setup > Set/Edit Basal

1: 12:00AM _____ U/H

2: _____ U/H

3: _____ U/H

4: _____ U/H

5: _____ U/H

6: _____ U/H

TEMP BASAL TYPE:

Main > Basal > Basal Setup > Temp Basal Type
 U/H Percent of Basal

BASAL PATTERNS:

Main > Basal > Basal Setup > Patterns
 On Off

BASAL PATTERN A:

Main > Basal > Basal Setup > Patterns

1: 12:00AM _____ U/H

2: _____ U/H

3: _____ U/H

4: _____ U/H

BASAL PATTERN B:

Main > Basal > Basal Setup > Patterns

1: 12:00AM _____ U/H

2: _____ U/H

3: _____ U/H

4: _____ U/H

UTILITIES

ALARM:

Main > Utilities > Alarm >

Alert Type: Beep Long Beep Medium
 Beep Short Vibrate

Auto Off: On Off _____ Hrs

Low Reservoir: _____ Units _____ Time

CONNECT DEVICES:

Main > Utilities > Connect Devices > Meters

On Off BG Meter ID _____

BOLUS SETTINGS

MAX BOLUS:

Main > Bolus > Bolus Setup > Max Bolus
_____ units

EASY BOLUS:

Main > Bolus > Bolus Setup > Easy Bolus
 On/Set Off _____ units

DUAL/SQUARE BOLUS:

Main > Bolus > Bolus Setup > Dual Square Bolus
 On Off

BG REMINDER:

Main > Bolus > Bolus Setup > BG Reminder
 On Off

BOLUS WIZARD SETUP:

Main > Bolus > Bolus Setup > Bolus Wizard Setup
> Edit Settings

Wizard: On Off

Carb Units: Grams Exch

Carb Ratio:

1: 12:00AM _____ grams/U

2: _____ grams/U

3: _____ grams/U

Insulin Sensitivity:

1: 12:00AM _____ mg/dL/U

2: _____ mg/dL/U

3: _____ mg/dL/U

BG Targets/Target Ranges:

1: 12:00AM _____ - _____ mg/dL

2: _____ - _____ mg/dL

3: _____ - _____ mg/dL

Active Insulin Time: _____ Hrs

MISSED BOLUS REMINDER:

Main > Bolus > Bolus Setup > Missed Bolus Reminder
 On Off

1: _____

2: _____

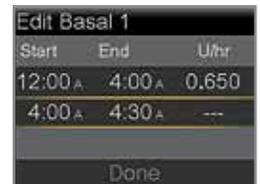
CHANGE A BASAL RATE

- From Home screen, select **Basal**.
- Select **Insulin Settings**.
- Select **Basal Pattern Setup**.
- Select the basal pattern you wish to edit.
- Select **Options**.
- Select **Edit**.
- Press on the time segment.
- Press on End time.
- Press or to change **U/h** and press .
- Select **Done**.
- Review rates and select **Save**.



ADD A BASAL RATE TO A BASAL PATTERN

- From Home screen, select **Basal**.
- Select **Insulin Settings**.
- Select **Basal Pattern Setup**.
- Select the Basal pattern you are adding a rate to.
- Select **Options**.
- Select **Edit**.
- Press on the time segment.
- Enter the new **End** time (this is the same as the start time of the basal rate you are adding) and press .
- Press if U/hr is not changing. (Press or to change value if necessary and press)
- Press on the new time segment.
- Press to enter the new **End** time and press .
- Press to enter the basal rate and press .
- Continue adding end times and basal rates if necessary.



REVIEW BASAL PATTERNS

- From Home screen, select **Basal**.
- Select **Basal Patterns**.
- Select the basal pattern you wish to review.
- Review basal rates.
- Select **OK**.



NOTE: If you see a scroll bar on the right, press to see all basal rates in the Basal Pattern.

TEMP BASAL (TEMPORARY BASAL RATE)

This feature lets you immediately increase or decrease your basal insulin for the period of time (duration) that you set. It is often used for exercise and sick days. A Temp Basal can be set in either Percent (delivers a percent of the current basal rate) or by Rate (delivers the amount that you enter).

SET TEMP BASAL RATE

- From Home screen, select **Basal**.
- Select **Temp Basal**.
- Press \wedge to set duration and press \circ .
- Select **Next**.
- Select **Percent**.
- Press \wedge or \vee to enter the percent of current basal rate desired.



NOTE: If you choose to use Rate, select Type, and you can then enter the U/hr desired.

- Select **Begin**.

NOTE: The Home screen reads Basal (T) since you have a Temp Basal active. Select Basal (T) to review the details of the active Temp Basal. When the Temp Basal is complete, the basal will automatically return to the regularly programmed basal rate.

CANCEL TEMP BASAL RATE

If you ever set a Temp Basal and decide you do not need it, it can be canceled.

- From Home screen, select **Basal (T)**.
- Select **Cancel Temp Basal**.



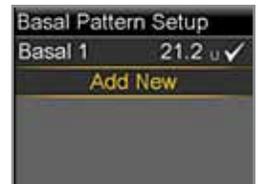
NOTE: Basal rate has now returned to the currently programmed rate.

MULTIPLE BASAL PATTERNS

Setting multiple Basal Patterns helps you more easily accommodate routine schedule changes that cause different basal needs (for example, weekday vs. weekend; day vs. night shift).

SET ANOTHER BASAL PATTERN

- From Home screen, select **Basal**.
- Select **Insulin Settings**.
- Select **Basal Pattern Setup**.
- Select **Add New**.
- Select the name you would like to use.
- Enter the basal rates needed for this pattern.
- Select **Save**.



NOTE: The Basal pattern that your pump is currently using has a check mark next to it.

SELECT BASAL PATTERN

Once multiple basal patterns are set, you can then select the basal pattern you wish to be active.

- From Home screen, select **Basal**.
- Select **Basal Patterns**.
- Select the Basal Pattern you wish to be active.
- Select **Begin**.

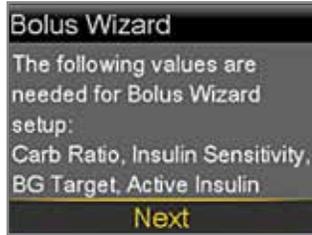


TURNING BOLUS WIZARD™ CALCULATOR ON AND SETUP

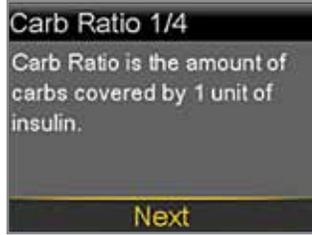
1. Press .
2. Select **Insulin Settings**.
3. Select **Bolus Wizard Setup**.
4. Select **Bolus Wizard**.



5. Press  to continue reading text.
6. Select **Next**.



7. Review the description of Carb Ratio and select **Next**.



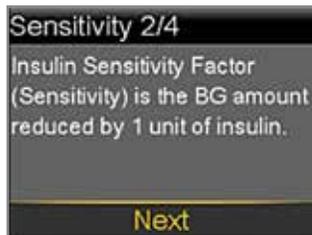
8. Press  on the time segment.
9. If you have only one Carb Ratio, press .



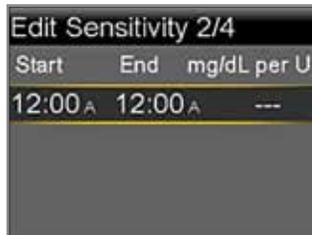
10. Use  or  to enter Carb Ratio and press .
11. Select **Next**.



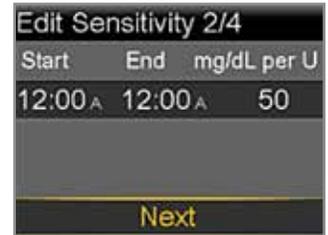
12. Review the description of Sensitivity Factor and select **Next**.
13. Press  on the time segment.



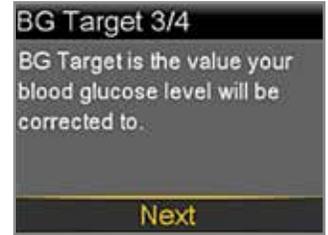
14. If you have only one Sensitivity Factor, press .
15. Use  or  to enter Sensitivity Factor and press .



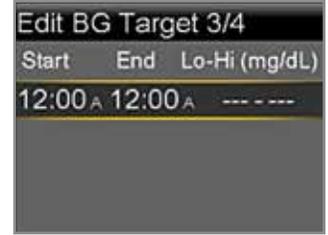
16. Select **Next**.



17. Review the description of BG Target and select **Next**.



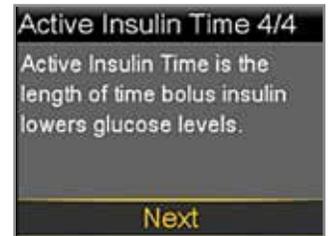
18. Press  on the time segment.
19. If you have only one BG Target range, press .



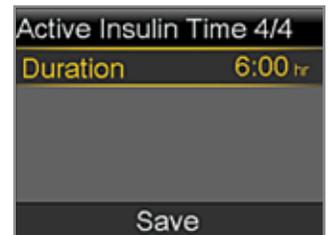
20. Press  or  to enter the **Lo** target and press .
21. Press  or  to enter the **Hi** target and press .
22. Select **Next**.



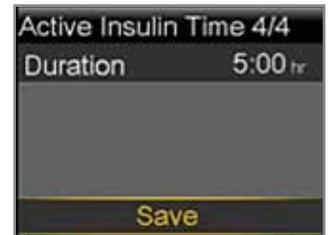
23. Review the description of Active Insulin Time and select **Next**.



24. Select **Duration**.
25. Use  or  to enter Active Insulin Time and press .



26. Select **Save**.



The Bolus Wizard setup is now complete.

DELIVER FOOD AND CORRECTION BOLUS

1. Test BG. Select **Bolus**.
Select **Bolus Wizard**.
2. If using linked meter, BG is on screen. If not, select **BG**.
Use \wedge or \vee to enter BG and press \circ .
3. Select **Carbs**.
4. Use \wedge to enter grams of carb and press \circ .
5. Select **Next**.



6. Select **Deliver Bolus**.



NOTE: Active Ins. adjust. is the active insulin from previous boluses that is adjusted (subtracted) from the correction dose. In this example, there was no active insulin to subtract.

DELIVER CORRECTION BOLUS – NO FOOD

1. Test BG. Select **Bolus**.
Select **Bolus Wizard**.
2. If using linked meter, BG is on screen. If not, select **BG**.
Use \wedge or \vee to enter BG and press \circ .
3. Press \vee to **Next**.
4. Select **Deliver Bolus**.



NOTE: In this example, there was active insulin to adjust – it was subtracted from the correction dose.

DELIVER FOOD BOLUS – NO CORRECTION

1. Select **Bolus**. Select **Bolus Wizard**.
2. Press \vee or **Carbs** and press \circ .
Press \wedge to enter grams of carb and press \circ .
3. Select **Next**.
4. Select **Deliver Bolus**.



NOTE: Active Insulin is never adjusted (subtracted) from a food bolus.

REVIEW BOLUS HISTORY

1. Press \square .
2. Select **History**.
3. Select **Daily History**.
4. Select the day you want to view.
5. You will see bolus deliveries listed in the history.



EDIT BOLUS WIZARD™ CALCULATOR SETTINGS

1. From Home screen, select **Bolus**.
2. Select **Insulin Settings**.
3. Select **Bolus Wizard Setup**.
4. Select the setting to be changed.
5. Select **Edit**.
6. Press \circ on the time segment.
Press \wedge or \vee to change the times and/or values.
7. Select **Save**.



REVIEW BOLUS WIZARD™ CALCULATOR SETTINGS

1. From Home screen, press \wedge and select the **Status Bar**.
2. Select **Settings Review**.
3. Press \vee to scroll through the list of settings.

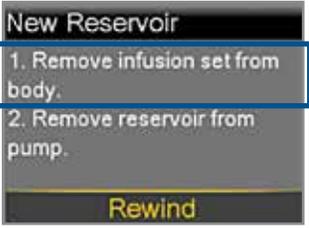


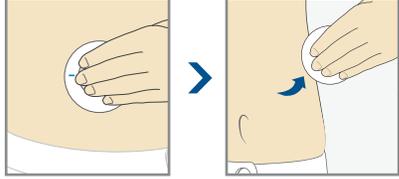
START HERE:

1  Wash your hands. Press .

2  Select **Reservoir & Tubing**.

3  Select **New Reservoir**.

4  Remove the infusion set you have been using by loosening the adhesive and pulling away from body.



5  Remove the used reservoir from the pump.

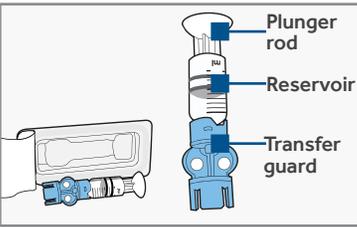


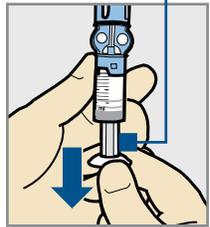
6  Select **Rewind**.

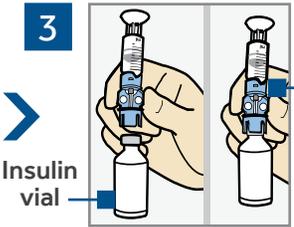


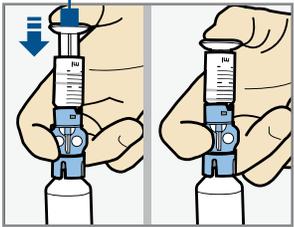
FILL RESERVOIR & CONNECT TO THE INFUSION SET TUBING

Follow the next steps to fill reservoir with insulin and connect to the infusion set tubing.

1  Remove from package. Make sure insulin vial is at room temperature to reduce the risk of air bubbles.

2  Pull plunger down to the amount that you plan to fill with insulin.

3  Wipe vial with alcohol. Place vial on table. Firmly press the blue transfer guard onto vial.

4  Push and hold plunger down.

Continued on next page



WARNING: Do not use the reservoir or infusion set if any liquid gets on the top of the reservoir or inside the tubing connector. Liquid can temporarily block the vents and may result in the delivery of too little or too much insulin, which can cause hypoglycemia or hyperglycemia.

5

Insulin vial
Plunger

With your thumb still on the plunger, flip over so vial is on top. Release thumb and pull plunger down to fill with insulin.

6

Tap the reservoir to move air bubbles to top of reservoir. Push plunger up to move air into vial.

7

If needed, pull plunger back down to amount of insulin needed for 2-3 days.

8

Reservoir
Transfer guard

To avoid getting insulin on the top of the reservoir, turn vial over so it is upright. Hold transfer guard and turn reservoir counter-clockwise and remove from transfer guard.

CONNECT RESERVOIR TO INFUSION SET

You will place the tubing connector onto the end of the infusion set to the filled reservoir.

1

MiniMed™ Quick-setter™ Insertion Device
MiniMed™ Quick-set™ Infusion Set

Remove infusion set from package. Remove the paper that holds the tubing together.

2

Connector

Gently push the tubing connector onto reservoir. Turn clockwise until locked. You will hear a click.

3

If you see air bubbles, tap reservoir to move them to top. Push plunger just a bit to move them into tubing.

4

Plunger

Twist plunger counter-clockwise to loosen and remove.

THE BACKLIGHT MAY HAVE TURNED OFF

Press any button to turn the screen back on.

9:25 AM
BG
Active Insulin 0.0 u
Load Reservoir

Select **Load Reservoir** and unlock pump if necessary.

New Reservoir
1. Fill reservoir.
2. Connect tubing to reservoir.
DO NOT CONNECT TO BODY.
Next

Select **Next**.

Continued on next page

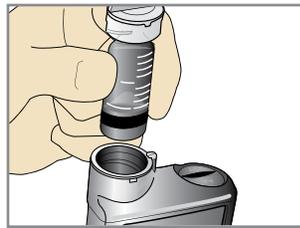
74

PLACE RESERVOIR INTO PUMP

Now place the filled reservoir into the reservoir compartment of the pump.



1



Place reservoir into pump.

2



Turn clockwise until you feel reservoir lock into place.

3



Select **Next**.

LOAD RESERVOIR AND FILL TUBING

Follow these steps to load the reservoir and fill the tubing.



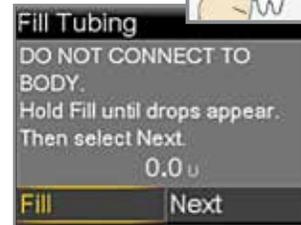
Select **Load** and keep holding .

2



When you see this screen, select **Next**.

3



Select **Fill** and keep holding until you see drops at the end of tubing, then let go.

4



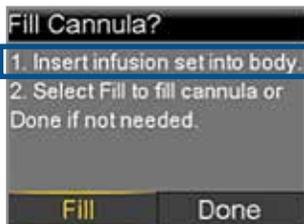
After you see drops, press and select **Next**.



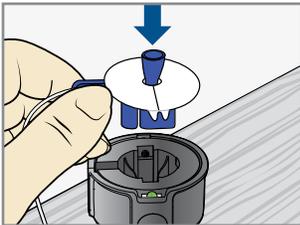
Drops at end of tubing

INSERT INFUSION SET

Next, follow the steps to insert the infusion set into your body.

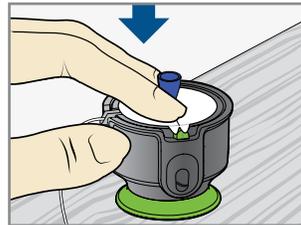


1



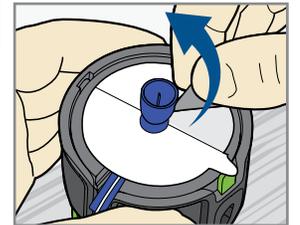
Place the MiniMed™ Quick-setter™ insertion device onto a sturdy flat surface with handle facing down. Place **blue** hub into serter, placing the handle in the tubing slot.

2



Use two fingers to seat the infusion set inside the serter securely and gently push down.

3



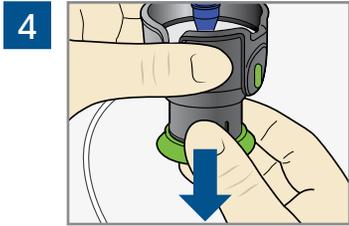
Peel the paper from the adhesive on both sides of the needle guard.

Continued on next page



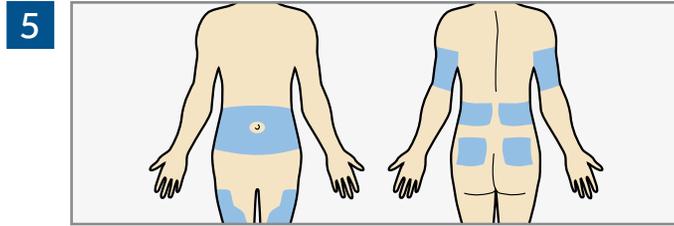
CHANGING THE MINIMED™ QUICK-SET™ INFUSION SET

MINIMED™ 630G
INSULIN PUMP



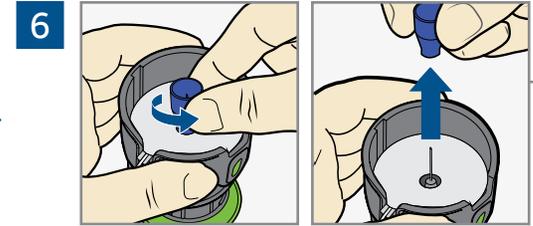
4

Pull **green** handle down until it clicks. The two **green** side buttons will also click into place. Do not press the **green** side buttons at this time.



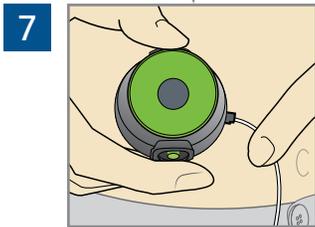
5

The best areas of the body to insert the infusion set are shown in the shaded areas of this drawing. Choose areas that are away from the natural bend of your waist or belt line of your pants. Avoid areas of hard or scar tissue. Consult with your healthcare provider on appropriate areas to insert your infusion set. Wipe with alcohol or other antiseptic.



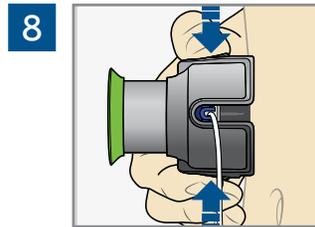
6

Turn to loosen needle guard and pull.



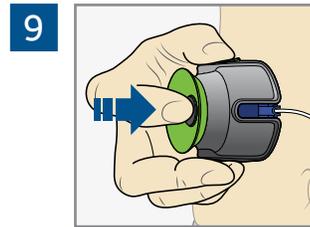
7

Holdserter against cleaned site.



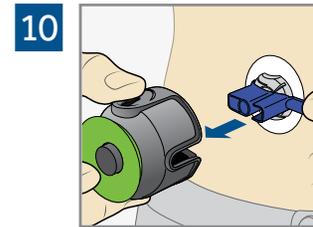
8

Press the two **green** side buttons at the same time. If they are not pressed at the same time the infusion set will not insert properly.



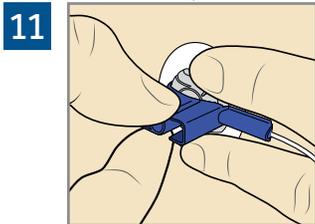
9

Press down the release button of theserter to release the infusion set.



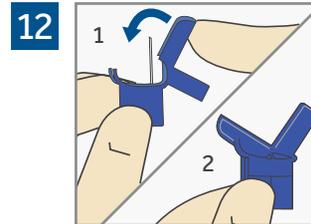
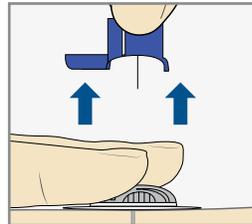
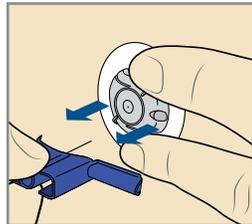
10

Pullserter away from body. Press adhesive against skin.



11

Hold infusion set. Pull blue handle straight out to remove needle.



12

Fold blue handle until locked.



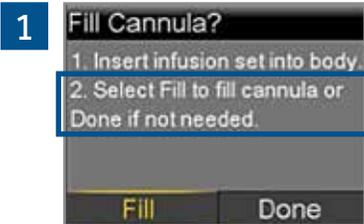
**DISPOSE
BLUE HANDLE
INTO A SHARPS
CONTAINER**

Continued on next page



FILL CANNULA

You will now fill the cannula, the little tube under your skin, with insulin.



Select **Fill**.



Select **Fill amount** and enter:

- 0.300 if using 6mm cannula
- 0.500 if using 9mm cannula

Then press **Fill Now**.



NOTE: Your pump will remember the **Fill amount** that you used last. Always verify that the Fill amount is correct.

- If it is correct, press **Fill Now** and press **Done**.
- If it is incorrect, press **Back**. Change to correct amount and press **Done**. Select **Fill Now**.



Select **Fill Now**.



The Home screen displays the insulin as it fills the cannula.



NOTE: Select **Stop Filling** if you need to stop, for example, if you notice the **Total** amount is incorrect. This should rarely happen if you have verified the **Fill amount** on the previous screen.

**YOUR
INFUSION SET
CHANGE
IS NOW
COMPLETE!**

GLUCOSE MONITORING

SCHEDULE FOR ADJUSTING PUMP SETTINGS

When first starting pump therapy or any time pump settings need adjusting:

- Check your blood glucose (BG):
 - When you wake up
 - Before each meal
 - 2 hours after each meal
 - Bedtime
 - Mid-sleep or every 3–4 hours during sleep
- Do not eat between meals

Checking BGs at these times provides the information needed to adjust and fine-tune pump settings as directed by your healthcare professional.



SCHEDULE FOR ROUTINE MONITORING

Once your pump settings are adjusted correctly and your glucose levels are stable, establish a routine that includes always checking your BG:

- When you wake up
- Before each meal
- Bedtime
- Occasionally mid-sleep
- Test more frequently during travel, times of stress, and illness



TREATING LOW BLOOD GLUCOSE LEVELS

HOW TO TREAT MILD/MODERATE LOWS

15–15 Rule

If BG drops below 70 mg/dL:

1. Eat 15 grams of fast-acting carbohydrate
2. Re-check BG in 15 minutes
3. If BG is still below 70 mg/dL, repeat Steps 1 & 2 every 15 minutes until BG is within range

Items that contain 15 grams:

- 3 to 4 glucose tablets
- 5 jelly beans
- 4 oz juice or soda (not diet)
- 8 oz milk (low or non-fat)
- 1 Tbsp sugar or honey

If BG is lower than 50 mg/dL, start treatment by eating 20 to 30 grams of carbohydrate or as otherwise directed by your healthcare professional.

HOW TO TREAT A SEVERE LOW

Keep a Glucagon Emergency Kit on hand in case a severe low occurs. Glucagon can be given by injection to raise glucose levels if you are unable to eat or drink to treat a low, or if you are unconscious.



A family member, co-worker, or friend should be instructed on how to give glucagon.



If you are using continuous glucose monitoring (CGM), do not rely on sensor glucose values for making treatment decisions or the Suspend on low feature to prevent or treat a low blood glucose.

TREATING HIGH BLOOD GLUCOSE LEVELS AND DKA PREVENTION

Most highs can be easily lowered simply by giving a correction bolus. Follow your healthcare professional's instructions for correcting high blood glucose and testing for ketones.

GENERAL GUIDELINES: IF BG IS HIGH BUT IS LOWER THAN 250 MG/DL

1. Enter the BG reading into your pump.
2. Allow the Bolus Wizard™ feature to calculate the correction bolus amount.
3. Confirm the bolus amount and select Deliver Bolus.
4. Recheck your BG in one hour and again each hour until your BG is back within target range.

Never ignore high BG readings. Always consult the Bolus Wizard™ calculator to see if a correction bolus should be taken.

GENERAL GUIDELINES: IF BG IS HIGHER THAN 250 MG/DL — CHECK FOR KETONES

If ketone test is negative:

1. Enter BG into pump/consult Bolus Wizard™ calculator to see if correction dose is needed
 - Use pump to give correction dose.
2. Recheck BG in 1 hour
 - If BG is starting to decrease, continue to monitor until normal.
 - If BG is same or higher
 - Give correction dose using a syringe.
 - Change infusion site, infusion set, reservoir, and insulin.
 - Continue to check BG every hour until BG returns to normal.

If ketone test is positive:

1. Take correction dose using a syringe.
2. Change infusion site, infusion set, reservoir, and insulin.
3. Troubleshoot pump.
4. Check BG every 1 to 2 hours. Give correction boluses as needed.
5. Drink non-carbohydrate fluids.
6. If BG continues to rise or if you have moderate to high ketones, nausea, or vomiting, notify physician or go to the nearest emergency room. If you have difficulty breathing, call 911.

SICK DAY GUIDELINES

Illness and/or infection usually cause BGs to run higher than normal. Therefore, the risk of developing DKA is increased when you are ill.

Because DKA symptoms are similar to flu and stomach virus symptoms, check your BG and monitor for ketones often during illness.

- Check BG every 2 hours or as directed by your healthcare professional
- Check urine or blood for ketones as directed by your healthcare professional
- Immediately check ketones if you have nausea, vomiting, or abdominal pain

- Notify doctor if ketones are positive, if you are unable to keep food down, or if no improvement within a few hours. Give a correction dose of insulin with a syringe according to your healthcare professional's recommendations and change infusion set and reservoir.

CHECK FOR KETONES

Follow the instructions in your ketone testing kit.



Unexplained highs that do not decrease with a correction bolus may be caused by a dislodged or kinked infusion set or a weak vial of insulin.

Alerts

An alert makes you aware of a situation that may need attention. When an alert occurs, you should check to see what your pump is telling you. Examples of alerts include **Low reservoir** or **Low battery**.

When an alert occurs:

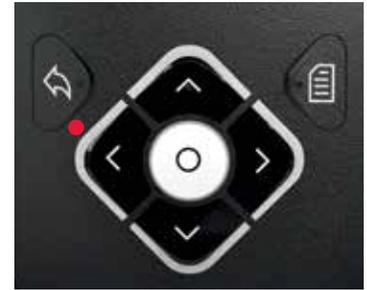
Notification Light:

The red light on the pump will blink once followed by a pause, blink again followed by a pause. This sequence continues until the alert is cleared. The flashing pattern is shown here:



Audio:

Depending on your Audio Option settings, the pump emits a repeated alert tone, a continuous two-pulse vibration, or both.

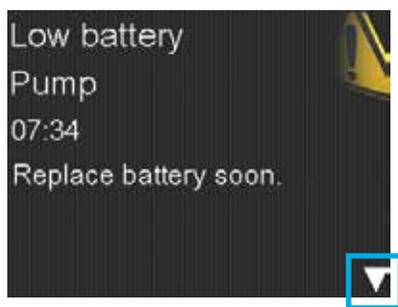


Display:

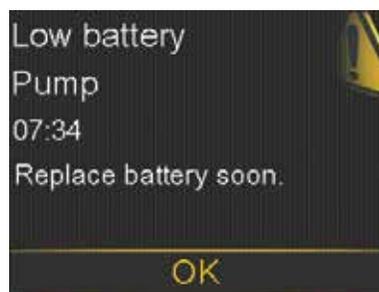
The pump will display a notification with a yellow icon and instructions on what to do.

To address and clear the alert:

1. Read the text on the screen to understand the alert and the steps that should be taken.
2. Press **▼**.
3. Press **○** on the desired option.



Press **▼**



If you do not respond to an alert, the audio / vibration pattern repeats every five minutes until the alert is cleared.

Alarms

When an alarm occurs, something has been detected that is preventing insulin from being delivered. You are not getting insulin. **It is important that you address an alarm right away.** Examples of alarms are **Insulin flow blocked** and **Replace battery now**.

When an alarm occurs:

Notification Light:

The red light on the pump will blink twice, followed by a pause, blink twice again followed by a pause. This sequence continues until the alert is cleared. The flashing pattern is shown here:



Audio:

Depending on your Audio Option settings, the pump emits a repeated alert tone, a continuous three-pulse vibration, or both.

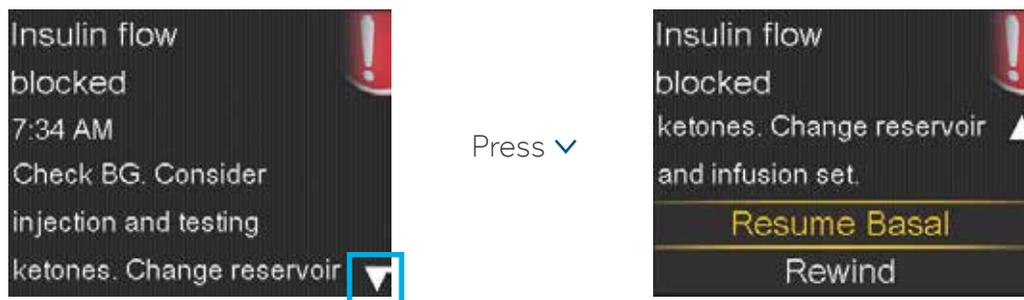


Display:

The pump will display a notification with a red icon and instructions on what to do.

To address and clear the alarm:

1. Read the text on the screen to understand the alarm and the steps that should be taken.
2. Press .
3. Press on the desired option.



The audio / vibration pattern repeats every minute for 10 minutes if the alarm is not cleared. **After 10 minutes, the alarm begins to siren.**



IMPORTANT: An Insulin flow blocked alarm occurs when insulin cannot be pushed through the tubing or cannula. If this alarm occurs, make sure your reservoir is not empty and check the tubing for kinks, knots or other obvious blockages.

- If you detect an issue and are able to resolve it, check BG and select Resume Basal. If an Insulin flow blocked alarm occurs again, follow the steps on the screen and select Rewind to change your reservoir and infusion set.
- If you are unable to detect an issue, follow the steps on the screen and select Rewind to change your reservoir and infusion set.

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