

# YOUR QUICKSTART GUIDE FOR THE MINIMED™ 780G SYSTEM WITH GUARDIAN™ 4 SENSOR



**Medtronic**

# HI! WELCOME TO YOUR NEW MINIMED™ 780G SYSTEM

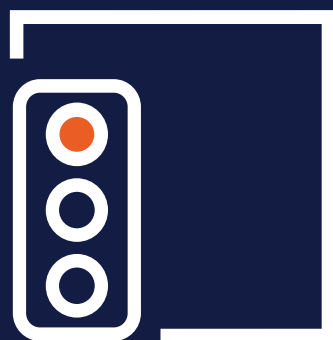
Our goal is for your onboarding experience to be as seamless as possible. This book will guide you through the process before, during and after training.



MiniMed™ 780G system

# TRAINING STEPS:

We have a focused support programme to help you with your new Medtronic device.

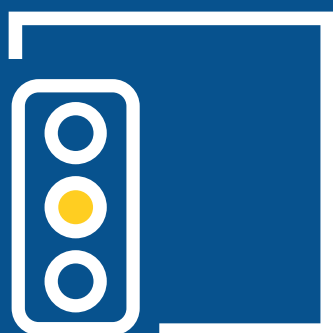


## 1. READY

### Pre-Training

Get prepared for everything you need to know before you start your product training.

Completed

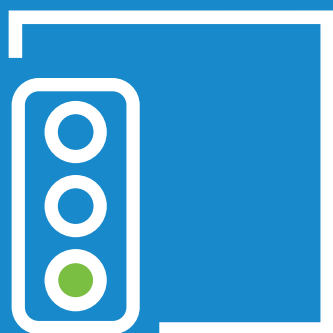


## 2. SET

### Pump Training

In our hands-on training session we will take you through everything you need to know to get started.

Completed



## 3. GO!

### Post Training

After training, we want to provide you with resources that will continue to support you on your journey.

Completed



# 1. READY → START HERE

Soon you will have your training on your Minimed™ 780G system - note down the details of each step of your training journey.

## Insulin Pump + Continuous Glucose Monitoring Training

Date:

Time:

Contact:

Phone:



## SmartGuard™ feature Training

Date:

Time:

Contact:

Phone:



## StartRight<sup>SM</sup> Onboarding Programme Begins

# GETTING READY FOR YOUR TRAINING

Do not do any of the following steps until you have been indicated to do so by your health care professional

## GETTING CONNECTED

**Check the compatibility chart in the Frequently Asked Questions (FAQ) section of your local Medtronic website:**

[www.medtronicdiabetes.co.za/insulin-pump-therapy/minimed-780g-system](http://www.medtronicdiabetes.co.za/insulin-pump-therapy/minimed-780g-system)

Download our new MiniMed™ Mobile app for compatible Apple & Android devices.



It provides you an easy to use interactive display of information with up-to-date data sent from your pump every five minutes on your mobile device. You will also be able to do automatic uploads to CareLink™ software.

You can have up to five people following you, all you need to do is give them your username and accept their request within 24 hours.

You will be prompted to sign-up for CareLink™ software during download or sign-in to your account. Please write down your username and password for future reference.



### TIPS

Once you're set up on the app, turn off notifications until you're ready to start wearing your pump. Turning off "Automatic Updates" on your device can help ensure that you won't be using an unverified version of the apps.

Username:

Password:



**Let your care partner know about the CareLink™ Connect app**

They just need to download the Carelink™ Connect app and include your username to get started.

For assistance in setting up the MiniMed™ Mobile or CareLink™ Connect apps please refer to the User Guides which are located within each of the apps.

# WHAT YOU NEED FOR YOUR TRAINING SESSION

- Your pump
- 1 box of reservoirs
- 1 box of infusion sets
- The Accu-Chek® Guide Link meter, lancets and strips
- A vial of rapid acting insulin
- Guardian™ 4 transmitter and charger
- 1 box of Guardian™ 4 Sensor
- One-Pressserter andserter for the infusion set (if required)
- Over tape for the sensor (included in the sensor box)
- This Quickstart Guide

# TOPICS WE WILL COVER IN YOUR TRAINING

- Getting to know your device
- Pump menu map
- How your pump works
- Programming specific settings
- Inserting your first infusion set and sensor
- Routine steps to manage your insulin pump
- Expectations for daily management
- Tips to help you stay on track.



## STOP HERE

The next section will be covered in your training session.

Notes:

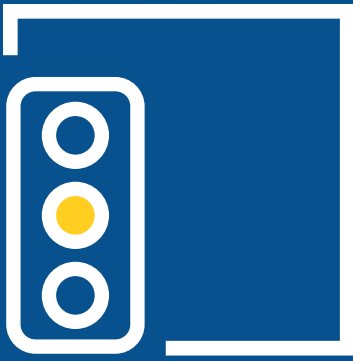
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## 2. GET SET → WITH TRAINING

Bring this workbook with you to your training session, to keep your notes all together!

### YOUR TRAINING FLOW:

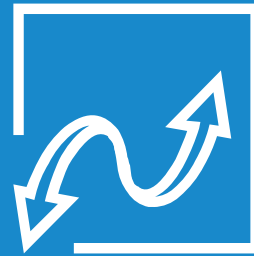
We will start with device training and then cover SmartGuard™ feature training. For each section we'll go over these 4 sections:



**GET TO KNOW  
YOUR DEVICE /  
SMARTGUARD™  
FEATURE**



**DAILY STEPS**



**STAY ON  
TRACK**



**DISCUSS  
IMPORTANT  
NEXT STEPS**

Notes:

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# GET TO KNOW YOUR DEVICE

## GET TO KNOW YOUR MENUS

### MINIMED™ 780G SYSTEM SIMPLIFIED MENU MAP



MiniMed™ 780G system

 <b>HISTORY &amp; GRAPH</b> History Sensor Glucose Review Graph Time in Range	 <b>SMARTGUARD</b> SmartGuard Checklist Temp Target SmartGuard Settings SmartGuard On and Off	 <b>SOUND &amp; VIBRATION</b> Silence Sensor Alerts Volume Sound Vibration Alert Settings
 <b>RESERVOIR &amp; SET</b> New Reservoir Fill Cannula	 <b>INSULIN</b> Bolus Basal Suspend/Resume Basal Delivery Delivery Settings	 <b>BLOOD GLUCOSE</b> BG
 <b>STATUS</b> Suspend All Delivery SmartGuard Checklist Pump Sensor	 <b>PAIRED DEVICES</b> Pair New Device Pair CareLink Sensor	 <b>SETTINGS</b> Alert Settings Delivery Settings Device Settings



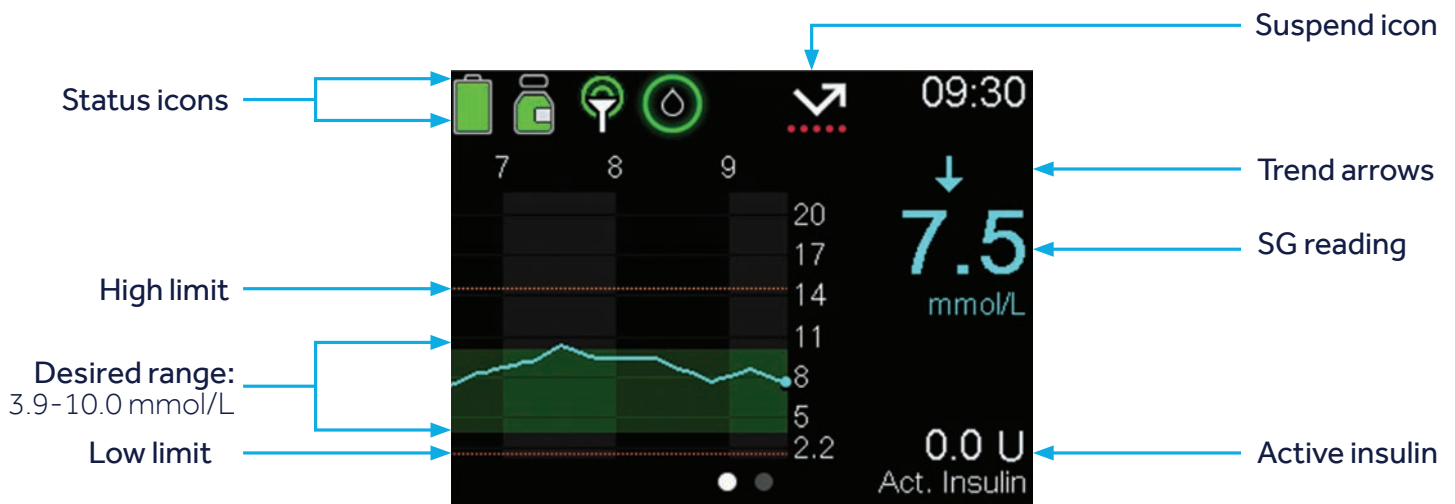
# DO I NEED TO USE A BG METER?

You can use your sensor glucose (SG) for treatment decisions, however some situations will require you to use your blood glucose (BG) meter.

THESE SITUATIONS WILL INCLUDE:

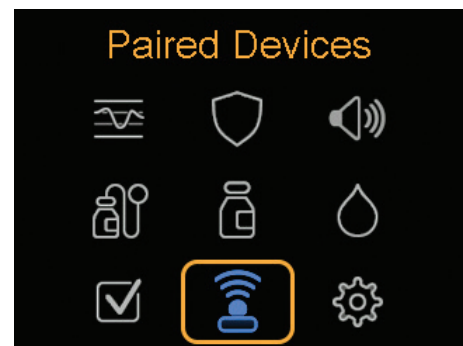
- |  |   |   |   |
|--|---|---|---|
| <b>1.</b><br>Using the Bolus Wizard™ feature in Manual Mode to give a correction bolus | <b>2.</b><br>When you aren't sure if your SG reading is correct or is unavailable | <b>3.</b><br>When SG readings are different from symptoms | <b>4.</b><br>When you have taken medications that contain acetaminophen (paracetamol) as they may cause your sensor glucose values to become falsely raised |
|--|---|---|---|

# GET TO KNOW YOUR SCREENS



# STEP 1

Let's check to make sure all devices are properly paired



# STEP 2

Let's insert the sensor and attach the transmitter

We will discuss proper insertion and taping techniques



# STEP 3

The insulin menu – probably what you'll use most frequently

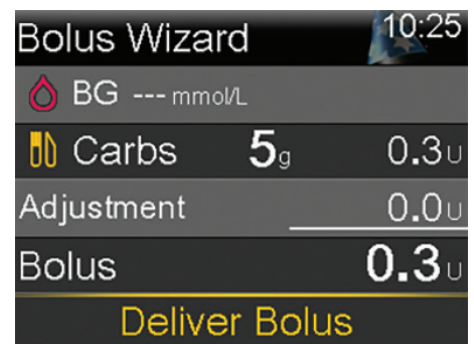
- Programme basal & bolus settings
- Practice bolusing
- See appendix for step-by-step instructions on how to do this



## Practice 1:

**Step 1:** From the home screen, press the down arrow to access the Bolus Wizard™ feature.

**Step 2:** Enter carbs



## STEP 4

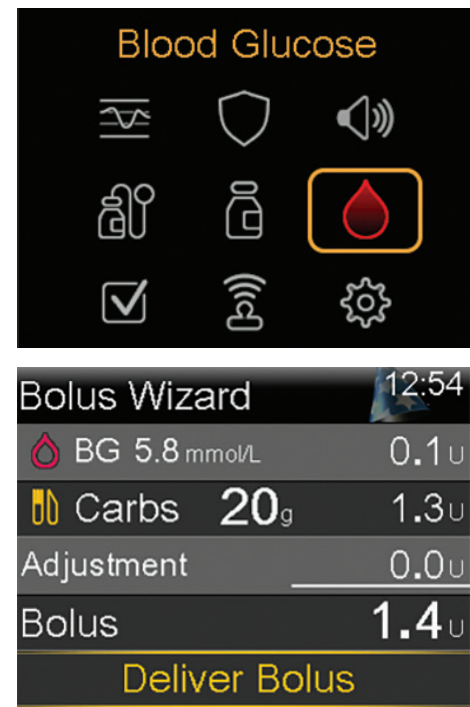
What to do if you need to enter your BG manually

### Practice 2:

**Step 1:** Enter a BG

**Step 2:** From the home screen, press the down arrow to access the Bolus Wizard™ feature.

**Step 3:** Enter carbs



## STEP 5

It is time to get your infusion set on






### TIP

When you do future set changes, always remember to disconnect from the infusion set you are wearing before you start the process.



## STEP 6

Review “when to use” additional menu items

MENU	REASONS TO USE
 SOUND & VIBRATION	<ul style="list-style-type: none"> <li>Turn sound and vibration settings on or off</li> <li>Adjust volume from level 1-5</li> </ul>
 HISTORY & GRAPH	<ul style="list-style-type: none"> <li>Review diabetes data history by time-frame</li> </ul>
 STATUS	<ul style="list-style-type: none"> <li>Suspend all insulin delivery</li> <li>Monitor details for pump, sensor, insulin and battery</li> </ul>



Blood glucose values remain on the pump memory for 12 minutes. Remember that when in the SmartGuard™ feature, the sensor glucose value will automatically appear.



# DAILY STEPS WHEN USING MANUAL MODE

What will your daily steps look like on your new device?  
Let's talk about expectations for daily management.

## EVERY DAY:



Bolus –  
10 - 20 minutes  
before you eat<sup>1,2</sup>



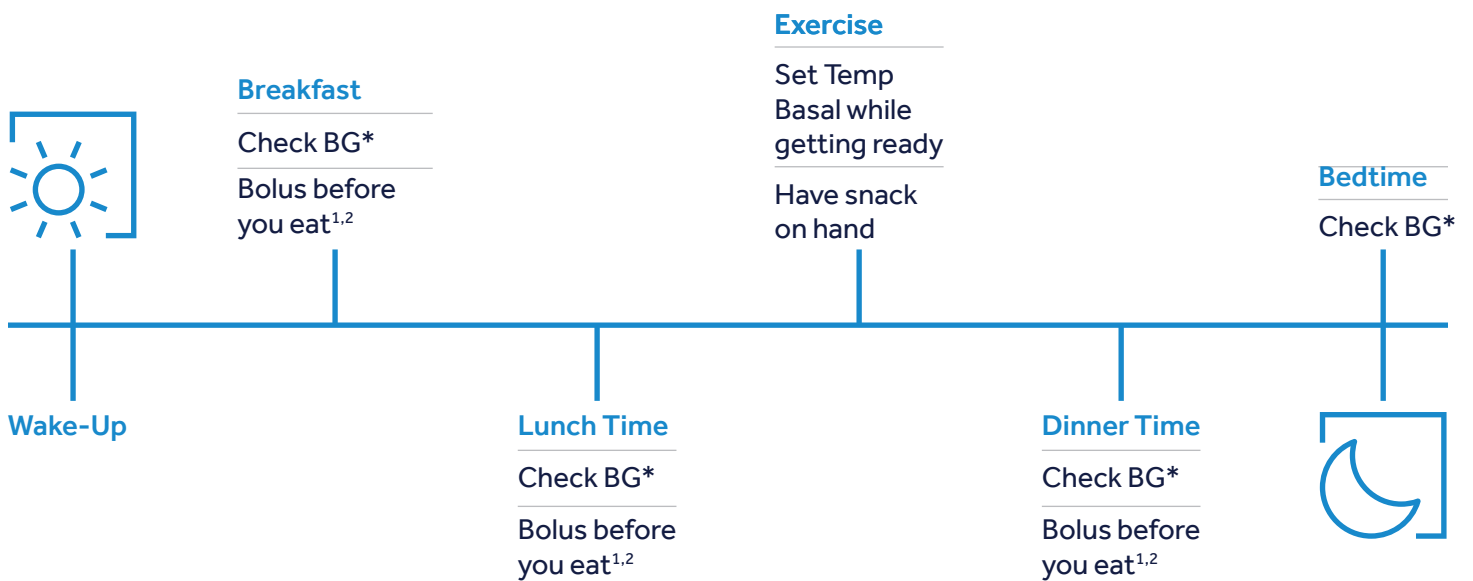
Check BG to bolus  
before meals,  
bedtime and for  
corrections



Observe real-time  
glucose trends



Here is an example of what a typical day could look like. You should discuss your individual needs with your healthcare professional.



\*These are only suggested options for BG tests.

1. Slattery, D et al. Optimal prandial timing of bolus insulin in diabetes management: A review. Diabetes Medicine 2018; 35 (3) 306-316

2. Introduction to insulin pump therapy handbook. Edinburgh Centre for Endocrinology and Diabetes <http://www.edinburghdiabetes.com/paeds-hb>. Accessed April 2021.

## EVERY WEEK:



Change your regular infusion sets and reservoirs every 2-3 days.  
Change your Medtronic Extended infusion sets and reservoirs every 7 days.\*  
Change your sensor every 7 days.



Remember to charge your transmitter



Upload your data to CareLink™ Personal each week using the blue adapter or automatically using the app



### TIP

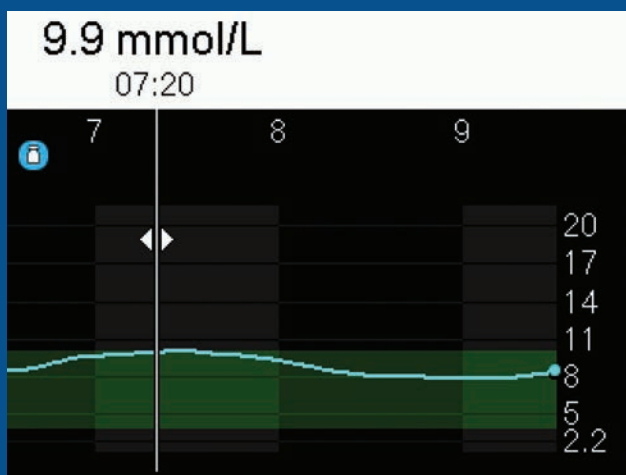
If you receive an 'Enter BG' alert, and you cannot take a BG right away (for example, if you are driving or in a meeting)—you can set the Snooze to remind you to take action at a later time.

## CALIBRATING:



Your system does not need regular calibrations, however all BGs entered and confirmed are used for calibration. If BG fails the calibration, the pump could request an additional BG

## VIEWING THE TRENDS



### TIP

Don't forget to charge your transmitter every time you change your sensor.

\*If you are wearing a Medtronic Extended Infusion Set, you will need to change it every 7 days. The Extended Reservoir will have to be changed when necessary (can last up to 7 days).

# HOW CAN I SEE HOW I AM MANAGING MY DIABETES?

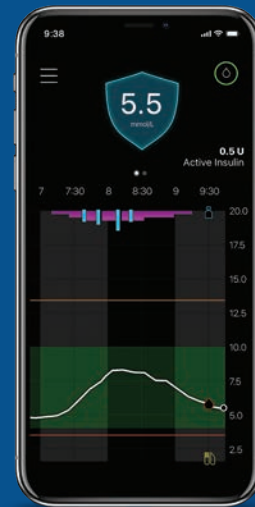
## CARELINK™ SOFTWARE AND APPS ARE KEY

### SOFTWARE



- CareLink™ Personal software converts data from your pump into easy-to-understand insights
- Blue adapter required for upload if not using MiniMed™ Mobile app

### APPS



- MiniMed™ Mobile app: secondary display for patient
- CareLink™ Connect app: available for up to 5 care partners

Notes:

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## STAY ON TRACK

It is important to understand that detours from your daily routine may happen—and knowing what to do can make the difference.



### ALERTS & ALARMS

An alert will appear if sensor glucose reaches or falls below 3.0 mmol/L or sensor glucose is at or above 13.9 mmol/L for 3 hours.

## HYPO & HYPER MANAGEMENT

**LOW GLUCOSE-** If BG drops below 3.9 mmol/L, use the rule of 15:

5-15 grams fast-acting carbs → Check glucose in 15 minutes → Repeat treatment if glucose still below 3.9 mmol/L

**HIGH GLUCOSE-** If a BG is high but lower than 13.9 mmol/L:

Take correction bolus → Check glucose in 1 hour → Troubleshoot

**HIGH GLUCOSE-** If BG is 13.9mmol/L or higher:

Check for ketones → Follow your healthcare team advice on what to do with high BG and negative or positive ketones

# HOW TO KNOW WHEN TO CALL YOUR HCP VS TECH SUPPORT

It is important to know whom to call when you need help.



**24-HOUR TECH SUPPORT**  
**0800 MED PUMP (633 7867) OR 011 260 9490**

Available to assist you with any technical issues or questions that you may have regarding the operation of your MiniMed™ 780G system.



**HEALTHCARE**  
**PROFESSIONAL (HCP)**

Medical care & questions.

Notes:

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# GET TO KNOW THE SMARTGUARD™ FEATURE

## STEP 1

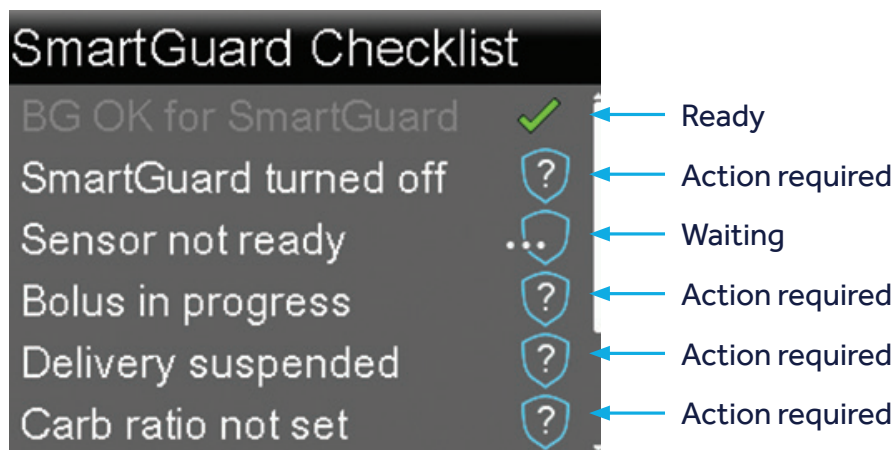
Go to the SmartGuard™ menu, scroll down and change to **On**

Go to SmartGuard™ settings, programme & Save



## STEP 2

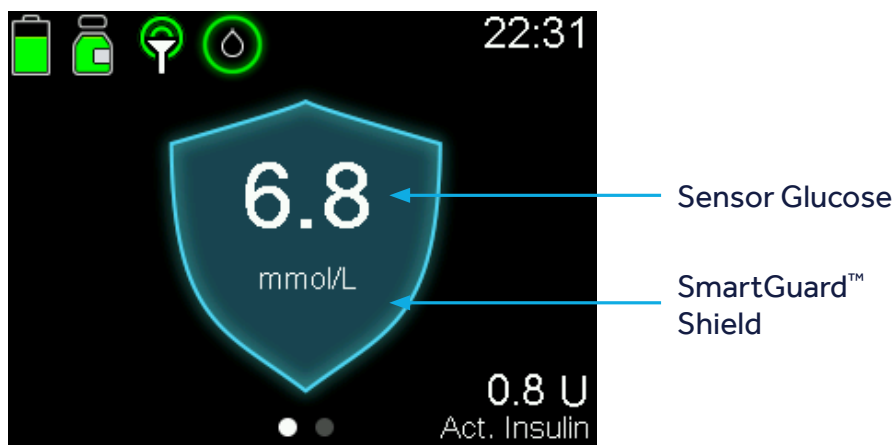
Review SmartGuard™ Checklist



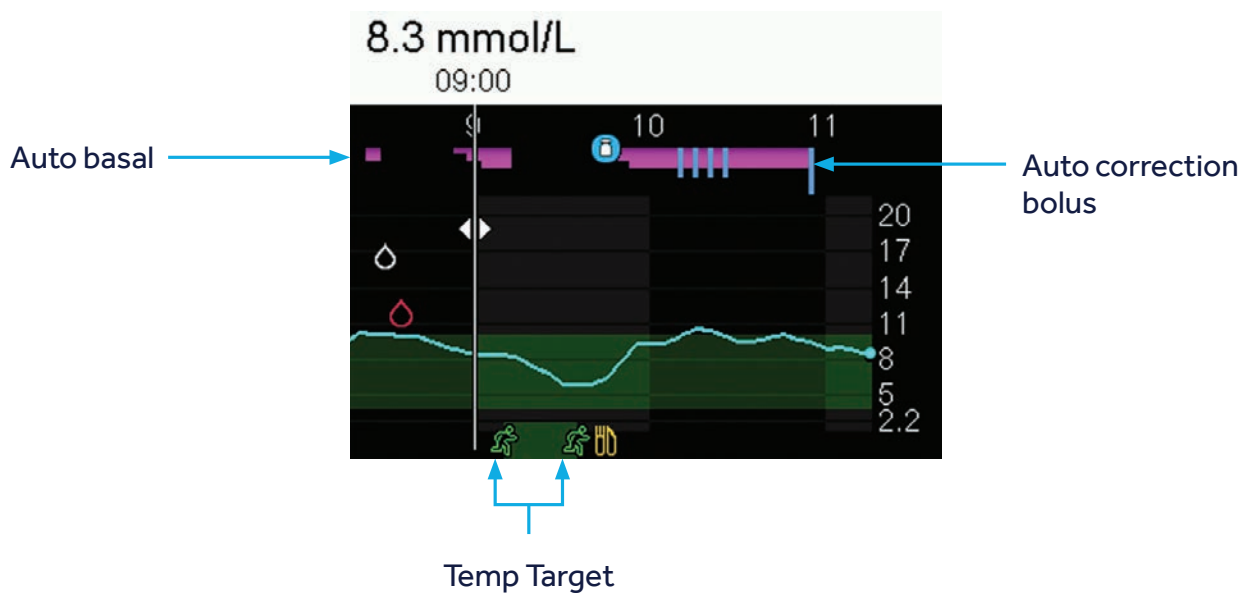
### BG REQUIRED TO ENTER SMARTGUARD™ FEATURE

You will be required to enter a BG to enter SmartGuard™ Feature when you turn it on or if you have exited the SmartGuard™ Feature and want to return.

Your home screen will look a bit different now that you're using the SmartGuard™ feature



### Sensor Graph



Notes:

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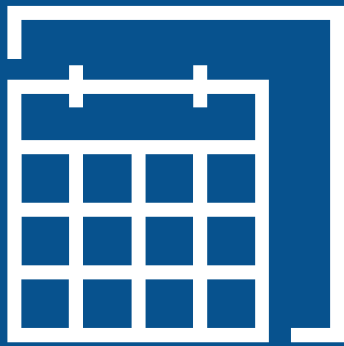
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# DAILY STEPS

What will your daily steps look like now that you are using SmartGuard™ technology? Let's talk about expectations for daily management.

## EVERY DAY:



Bolus for carbs 10 - 20 minutes before meals<sup>1,2</sup>

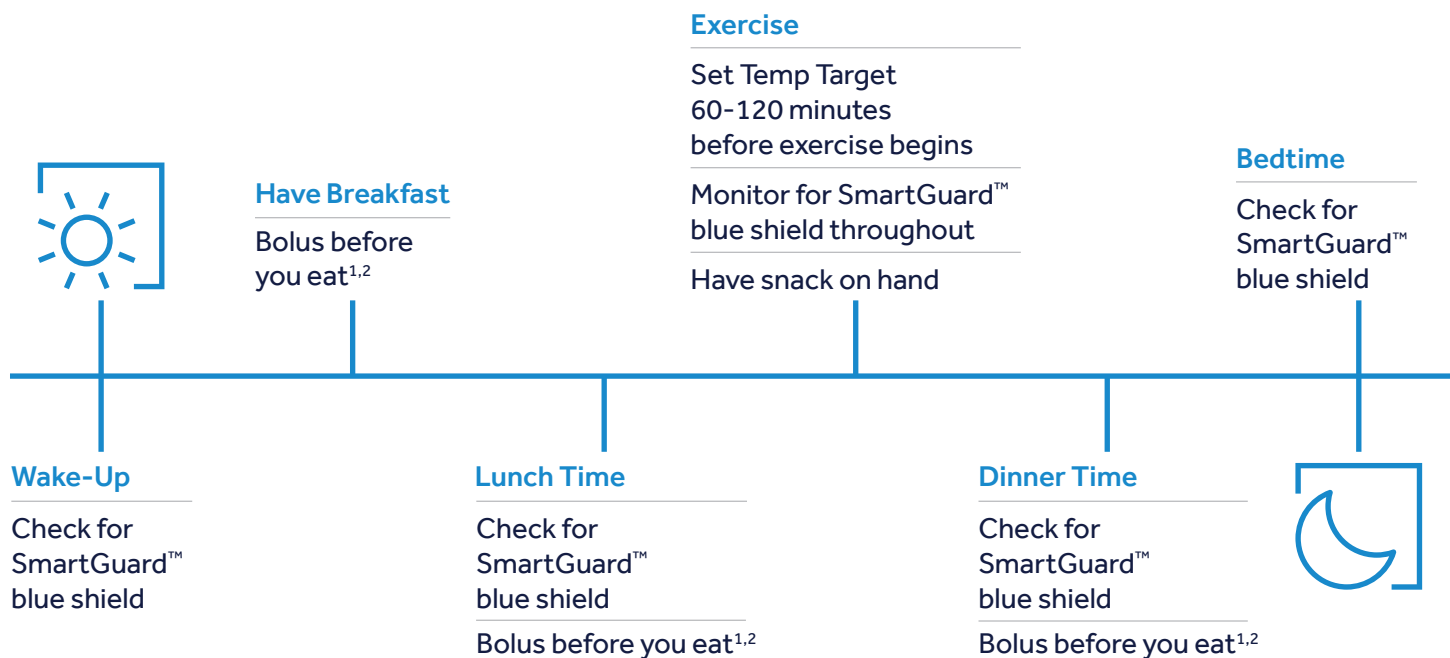


Respond promptly to alerts and alarms



Follow self-care guidelines for insulin pump therapy

Here is an example of what a typical day could look like. You should discuss your individual needs with your healthcare professional.



1. Slattery, D et al. Optimal prandial timing of bolus insulin in diabetes management: A review. Diabetes Medicine 2018; 35 (3) 306-316  
 2. Introduction to insulin pump therapy handbook. Edinburgh Centre for Endocrinology and Diabetes <http://www.edinburghdiabetes.com/paeds-hb>. Accessed April 2021.

# EVERY WEEK:



Change infusion set every 2-3 days

Change your Medtronic Extended infusion sets and reservoirs every 7 days

Change sensor



Recharge transmitter



Upload to Carelink™ software

## CALIBRATING

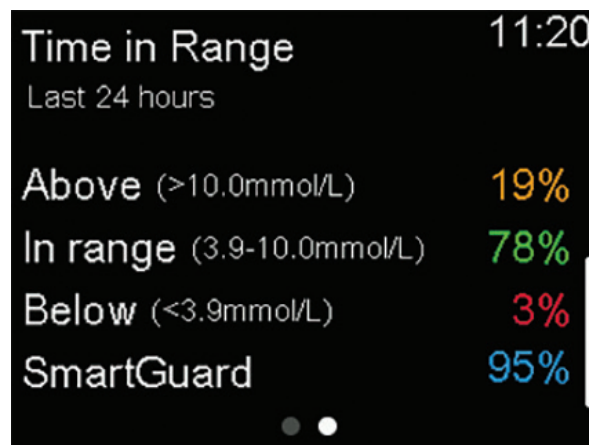
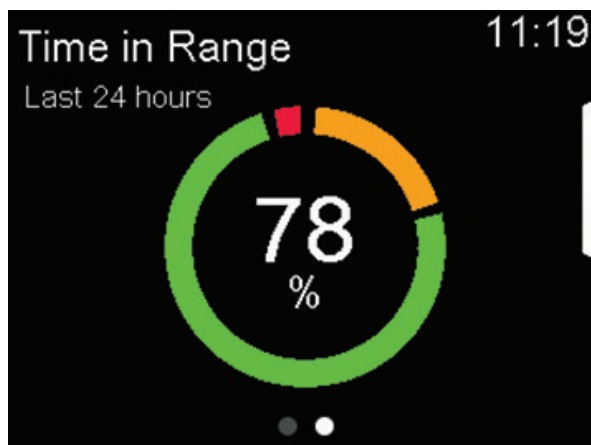
Your system does not need regular calibrations, but it may request a BG occasionally to ensure optimal performance.

## BOLUSING

When bolusing in the SmartGuard™ feature, SG will populate and you'll enter the grams of carbs that you plan to eat. You cannot change the calculated bolus amount.

Need a reminder? Go back to page 9.

## VIEW YOUR TIME IN RANGE (TIR)





## STAY ON TRACK

It is important to understand that detours from your daily routine may happen—and knowing what to do can make the difference.

## TEMP TARGET

Anytime you need less insulin (e.g. exercise) you can set a temporary fixed target.



### TIP

Consider setting Temp Target 1-2 hours before you exercise.



When Temp Target is set, auto correction boluses are not delivered.

## STAYING IN THE SMARTGUARD™ FEATURE



### ALERTS & ALARMS

An alert will appear if you need to enter your BG. The pump will stay in the SmartGuard™ feature for a maximum for 4 hours if the issue is not resolved. If you do exit the SmartGuard™ feature, you will go into Manual mode until the required action is completed.

Notes:

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## DISCUSS NEXT STEPS

What happens now you've completed your training?



## STARTRIGHT<sup>SM</sup> EVERYDAY

Exclusive **support service** on MiniMed™ 780G system that provides personalised help when you start your therapy.

Our StartRight<sup>SM</sup> specialists will offer you personalised advice and real-life tips to help you transition to your new therapy more easily.



Phone calls by our StartRight<sup>SM</sup> specialists

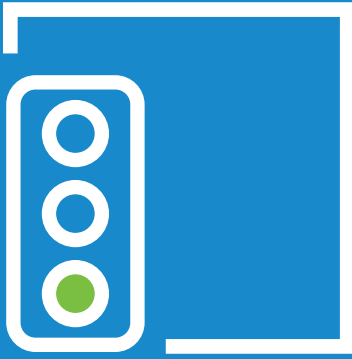


Educational content via email or digital platform



Register on the website:  
<https://www.medtronicdiabetes.co.za/WeCare>





## 3. GO! → YOU'RE READY TO THRIVE!

Diabetes never rests, but you are not alone.  
We're with you on this journey - from your first training session to ongoing support, our service team is always there to help.

### WHERE TO LOOK FOR ANSWERS



#### CALL US

Technical support .....0800 633 7867 or +27 (0) 11 260 9490

Supplies .....0800 633 7867

Email .....[rs.zadiabetesproductsupport@medtronic.com](mailto:rs.zadiabetesproductsupport@medtronic.com)

### WHERE TO LOOK IF YOU HAVE QUESTIONS?



#### IMPORTANT WEBSITES:

Website: [www.medtronicdiabetes.co.za](http://www.medtronicdiabetes.co.za)

### DON'T FORGET



#### Key Success

- Register to StartRight<sup>SM</sup> support programme
- Ask your trainer if you need more tape options
- Set realistic expectations
- Use the shortcut options on the pump for easy navigation

### TIPS AND TRICKS



#### Plan ahead

- Always carry supplies with you to treat lows
- Always pack extra pump supplies when traveling and keep in your carry-on
- Ensure you have a back-up plan in place before traveling (e.g. long action insulin, needles/ pens)
- Aim to not be away from your pump or disconnected for more than one hour

#### Practice good bolus behaviours

- Count and enter carbs before meals
- Dose bolus insulin 10-20 minutes before meals<sup>1,2</sup>
- Enter accurate information into the pump – say what you're doing, exactly when you're doing it

#### Follow CGM guidelines

- Insert and tape the sensor correctly for optimal performance
- Respond when an action is required, e.g. BG required

1. Slattery, D et al. Optimal prandial timing of bolus insulin in diabetes management: A review. Diabetes Medicine 2018; 35 (3) 306-316

2. Introduction to insulin pump therapy handbook. Edinburgh Centre for Endocrinology and Diabetes <http://www.edinburghdiabetes.com/paedts-hb>. Accessed April 2021.

# APPENDIX

## ACCU-CHEK GUIDE LINK

LET'S GET YOUR  
METER SET UP

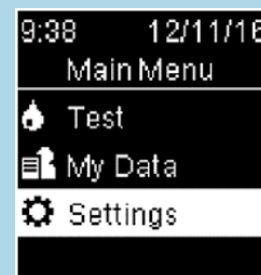


### SETTING THE LANGUAGE AND TIME FORMAT

1. Turn the meter on by briefly pressing **OK**. **Language** appears.
2. Press  $\updownarrow$  to highlight the desired language and press **OK**.
3. If the meter prompts you to set the Time Format, press  $\updownarrow$  to highlight desired format and press **OK**.

### SETTING THE TIME/DATE

1. From **Main Menu**, press  $\updownarrow$  to highlight **Settings** and press **OK**.
2. With **Time/Date** highlighted, press **OK**.
3. Press  $\updownarrow$  to adjust values.
4. Press **OK** to move to the next field.
5. When complete, press **OK** to save and return to the previous menu.



### SENDING YOUR BG RESULT TO YOUR PUMP



- If  $\leftarrow$  is not pressed there will be a delay in the display of the BG result on the pump.
- Roche will handle all technical support calls related to the meter

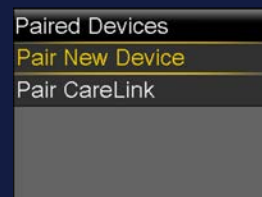
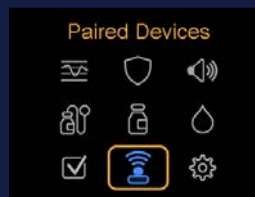
Select the back button to send BG result immediately to the pump.

**Medtronic**



# APPENDIX

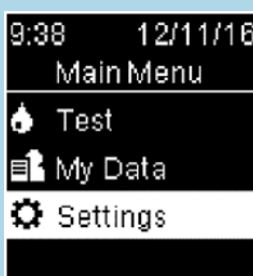
## LET'S PAIR YOUR METER AND TRANSMITTER



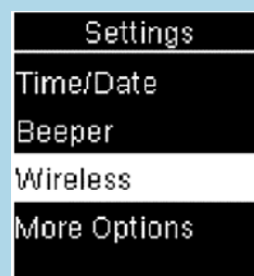
### PAIR YOUR METER

#### BG METER SCREENS

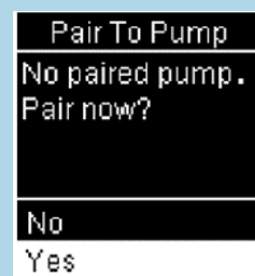
The meter is ready to pair with the pump when the meter serial number appears on the meter screen.



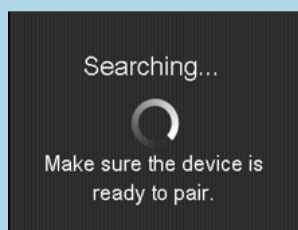
Select Settings



Select Wireless



Select Yes



Search



Select Device

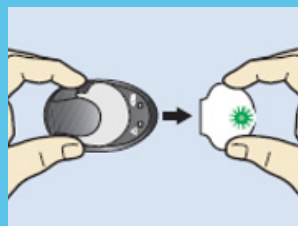


Confirm Device

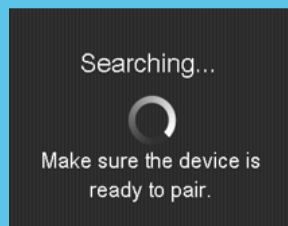
#### PUMP SCREENS

If the connection is successful, a "Pairing successful!" message appears on the pump.

### PAIR YOUR TRANSMITTER



Remove transmitter from the charger to put into 'search mode'.



Search



Select Device



Confirm Device

# APPENDIX

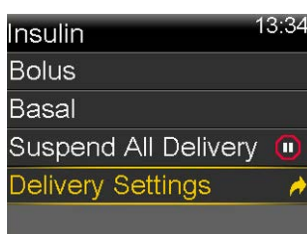
## LET'S SET YOUR BASAL RATES



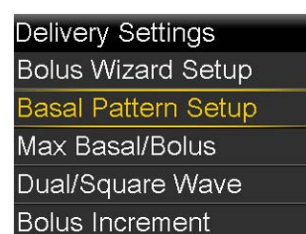
Basal rate values and set times are examples only. Consult your healthcare team to know the time slots and basal rates for you.



Select **Insulin** from the Menu



Select **Delivery Settings**



Select **Basal Pattern Setup**



Select **Basal 1 > Options > Edit**



Use to set the end time of the first time slot



Use to set the Units per hour (U/hr)



Set the different time slots



When finished select **Done** and **Save**

To view the current basal pattern in use or switch from one basal pattern to the other, from the Insulin menu select Basal > Basal patterns.

# APPENDIX

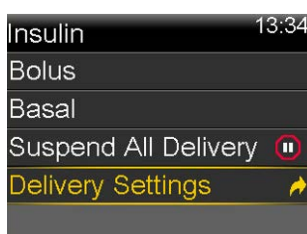
## LET'S SET YOUR BOLUS WIZARD



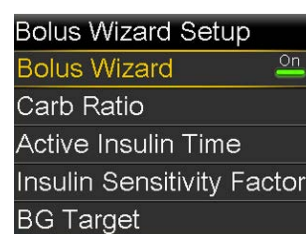
Bolus Wizard values and set times are examples only. Consult your healthcare team to know the time slots and rates for you.



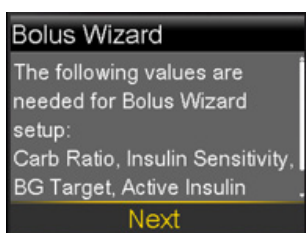
Select **Insulin** from the Menu



Select **Delivery Settings**



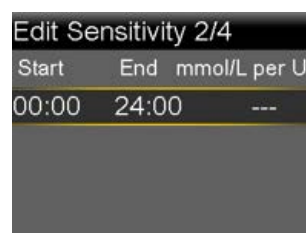
Select **Bolus Wizard Setup**,  
Select **Bolus Wizard On**



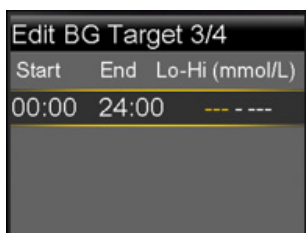
Read the explanation of the Bolus Wizard then Select **Next**



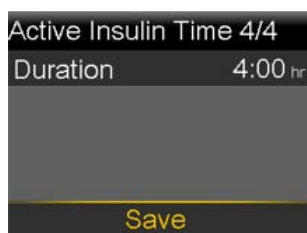
Carb Ratio: Use to adjust the end of the time slot and the g/U. Select to confirm.



Sensitivity: Use to adjust the end of the time slot and the mg/dL. Select to confirm.



BG Target: Use to adjust the end of the time slot and the mg/dL. Select to confirm.



Active Insulin Time: Use to adjust Select to confirm. When finished select **Save**

For more information regarding the Bolus Wizard menu refer to the User Guide for the MiniMed™ 780G System



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