

OVERVIEW
REMOTE
PATIENT
ONBOARDING

PUMP & CGM
INITIATION

SMARTGUARD™
FEATURE
INITIATION

FOLLOW-UP

MiniMed™ 780G system



MINIMED™ 780G SYSTEM

CURRICULUM

REMOTE PATIENT ONBOARDING



MINIMED™ 780G SYSTEM INTRODUCTION



MiniMed™ 780G system

A structured approach in the onboarding and follow-up process is key for success when starting patients on new technology and therapies.

Medtronic is offering the technical product training for pump and CGM start and the SmartGuard™ feature initiation in cooperation with you.

The Remote Training Programme will provide you with validated pathways and tools for successful patient onboarding and follow-up in a virtual setting.

This curriculum provides you with information on all the steps in the onboarding and follow-up with patients new on the MiniMed™ 780G system. This includes therapy-related information, checklists and educational tools for you and your patients.

In addition to that, we provide you with information, tips and tricks for the technical training in the remote setting in case you will complete the training with the patient.



Please note that the use of the webcam by the patient during the remote training is critical to ensure best possible training experience and outcome - especially for the infusion set & sensor insertion. More information related to this topic is available in the chapter:

GENERAL TIPS AND TRICKS WHEN TRAINING PATIENTS IN THE REMOTE SETTING



MINIMED™ 780G SYSTEM

REMOTE PATIENT ONBOARDING

OVERVIEW REMOTE PATIENT ONBOARDING



MiniMed™ 780G system



PUMP AND CGM INITIATION

- > Steps: Remote training and follow-up
- > Initial pump and CGM settings for MDI and pump user
- > Onboarding pump and CGM in Manual mode
- > Tips and tricks for remote technical training
- > **Checklists:** HCP checklist and tasks to be completed by the patient
- > Available resources for HCP and patient: Pump/CGM onboarding

SMARTGUARD™ FEATURE INITIATION

- > Steps: Remote training and follow-up
- > SmartGuard™ settings
- > SmartGuard™ feature onboarding
- > Tips and tricks for remote technical training
- > **Checklists:** HCP checklist and tasks to be completed by the patient
- > Available resources for HCP and patient: SmartGuard™ feature onboarding

FOLLOW-UP

- > CareLink™ review and topics to discuss with the patient
- > Update Manual mode settings
- > **Checklists:** HCP checklist and tasks to be completed by the patient
- > Available resources for HCP and patient: Successful follow-up



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HIGH-LEVEL OVERVIEW REMOTE PATIENT ONBOARDING AND FOLLOW-UP

STEP 1

PUMP INITIATION

TASKS TO COMPLETE

- User to complete pre-work/reading
- Expectation setting CSII
- Calculation initial pump settings
- Technical pump training
- Hypo- and hyper-Protocol, DKA prevention
- CareLink™ Personal account set-up
- CareLink™ system account creation & link with patient's CareLink™ Personal account
- Registration MiniMed™ Care and StartRight™

STEP 2

CGM INITIATION

TASKS TO COMPLETE

- Expectation setting CGM
- Decision on initial CGM settings
- Technical CGM training
- Set-up CareLink™ Personal account (if not yet done)

STEP 3

SMARTGUARD™ FEATURE INITIATION

TASKS TO COMPLETE

- User to complete Pre-work/reading
- Complete SmartGuard™ training before initiation including expectation setting
- Review CareLink™ data before starting SmartGuard™ feature
 - Adjust Insulin-carb ratio (ICR) and Manual mode basal rates if needed
- Assess patient behaviour
- Start SmartGuard™ feature

STEP 4

FOLLOW-UP

TASKS TO COMPLETE

- Assess patient understanding and address issues and questions
- Review CareLink™ data
 - Evaluate glycaemia, system use and need for behaviour & setting changes
- Discuss special considerations based on individual needs (exercise, sick days, challenging meals)



- Pump and CGM initiation can be done CGM or Pump first and combined. For patients already on pump and CGM, you can start it together in all cases
- Beside the format of the training, there are no changes to the current protocol for pump and CGM initiation
- To initiate SmartGuard™ feature, the system needs a minimum of 48 hours insulin delivery. Timing begins at the following midnight after starting the insulin delivery



REMOTE ONBOARDING AND FOLLOW-UP* PATHWAY AND RESPONSIBILITIES



*This information shows the steps and flow when Pump and CGM are initiated at the same day.





MINIMED™ 780G SYSTEM PUMP AND CGM ONBOARDING – COMBINED

Physician



Nurse/Diabetes
Educator



1

PUMP & CGM START

	BEFORE PUMP AND CGM START	AT LEAST 1 DAY BEFORE PUMP AND CGM START	PUMP AND CGM START*	AFTER PUMP START AND CGM
TASK	Get ready for the MiniMed™ 780G virtual training	- Calculate initial pump settings - Decide on CGM settings - Patient Education on therapy related topics	Complete remote pump and CGM training	Get ready for SmartGuard™ feature
STEPS TO COMPLETE*	- Email pre-work - Webex/Zoom instructions - Pre-reading modules - Consents signed if needed and additional legal documents (based on local requirements)	- Calculate basal rate and bolus settings - Decide on CGM settings - Provide settings and any additional orders to Medtronic Technical Consultant and patient - Discuss any question or concern - Managing expectations CSII and CGM use - Complete therapy related education (hypo/hyper protocol, sick days, back-up plan) - Tell patient to put transmitter on charger the day before the Pump and CGM start - Discuss follow-up and complete onboarding plan - Instruct patient to download pump into CareLink™ one week after pump initiation (if needed - in case MiniMed™ Mobile app is not used)	Technical training: - Program pump and meter - Pair meter - Program CGM settings - Pair transmitter - Start sensor - MiniMed™ Mobile app: set-up and use Educate on: - How to bolus, suspend and resume - Carb counting and bolus before meals - How to change infusion set and fill reservoir - Correction bolus (if high) - Read and respond to pump and CGM alerts and messages - How to insert, change and tape sensor - Calibration schedule: 2 – 3 times/day (before meals & bedtime) and that every BG confirmed will be used for calibration - Available CGM information - How to create CareLink™ Personal account and upload pump (if needed)	Email pre-work
FORMAT & TOOLS				

*Check knowledge and understanding with knowledge checks during the Remote Training.



MINIMED™ 780G SYSTEM PUMP AND CGM ONBOARDING – TWO STEPS

Physician



Nurse/Diabetes
Educator



1
PUMP START

2
CGM START

	BEFORE PUMP START	AT LEAST 1 DAY BEFORE PUMP START	PUMP START*	1 WEEK AFTER PUMP START	AT LEAST 1 DAY BEFORE CGM START	1 WEEK POST PUMP START: CGM START*	AFTER CGM START
TASK	Get ready for the MiniMed™ 780G virtual training	- Calculate initial pump settings - Patient education on therapy-related topics	Complete remote pump training	Get ready for the virtual CGM training	- Decide on CGM settings - Get ready for CGM use	Complete remote CGM training	Get ready for SmartGuard™ feature
STEPS TO COMPLETE*	- Email pre-work - Webex/Zoom instructions - Pre-reading modules - Consents signed if needed and additional legal documents (based on local requirements)	- Calculate basal rate and bolus settings - Provide settings and any additional orders to Medtronic Technical Consultant and patient - Discuss any question or concern - Managing expectations - Complete therapy-related education (Hypo/Hyper protocol, sick days, back-up plan) - Discuss follow-up and complete onboarding plan - Instruct patient to download pump into CareLink™ 5 days after pump initiation (if needed - in case MiniMed™ Mobile app is not used)	Technical training: - Program pump and meter - MiniMed™ Mobile app: set-up and use - Link meter with pump Educate on: - How to bolus, suspend and resume - Carb counting and bolus before meals - How to change infusion set and fill reservoir - Correction bolus (if high) - Read and respond to pump messages	Email pre-work	- Review CareLink™ data and discuss settings or behaviour changes if needed - Managing expectations CGM use - Discuss any question or concern regarding CSII or CGM use - Decide on CGM settings - Tell patient to put the transmitter on the charger the day before the CGM training - Provide settings and additional orders to Medtronic Technical Consultant and patient - Instruct patient to download pump into CareLink™ the day before the CGM start (if needed - in case MiniMed™ Mobile app is not used)	- Follow-up pump training – open questions or concerns? Technical Training: - Program CGM settings - Pair transmitter - Insert and start sensor Educate on: - How to change and tape sensor - Calibration schedule : 2-3 times/day (before meals and bedtime) and that every BG confirmed will be used for calibration - CGM information /alerts - Read and respond to CGM messages	Email pre-work
FORMAT & TOOLS							

*Check knowledge and understanding with knowledge checks during the Remote Training.



MINIMED™ 780G SYSTEM

PUMP INITIATION – INITIAL PUMP SETTINGS

FOR MDI PATIENTS

Physician



BASAL

- Reduce total daily dose (TDD) by **15 – 25%**
- Basal insulin dose: reduced TDD dose **x 0.5**
 - If half the dose is **>0.4 U/kg**, use weight dose:
Adults: Weight in kg **x 0.3**
Paediatrics: Weight in kg **x 0.2**
Adolescents: Weight in kg **x 0.4**
- Basal insulin / **24** = hourly basal rate
 - **1 or 2** basal rates (night time – daytime)

BOLUS

- Insulin carb ratio (ICR): **450/TDD**
- Insulin sensitivity factor (ISF):
mmol/L: 100/TDD
mg/dL: 1800/TDD
- Blood glucose target: **5.5 – 6.7** mmol/L (**100 – 120** mg/dL)
- Active insulin time (AIT): **2.0 – 3.0** hours



- Manual mode settings should ensure that basal insulin settings are appropriate should a SmartGuard™ feature Exit occur



MINIMED™ 780G SYSTEM

PUMP INITIATION – INITIAL PUMP SETTINGS

FOR PUMP USERS

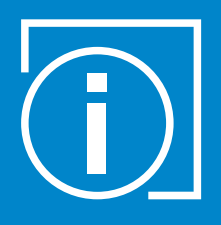


BASAL

- Use current pump settings
- If experiencing frequent excursions, re-calculate settings using standard formulas

BOLUS

- Insulin carb ratio (ICR): **450**/TDD
- Insulin sensitivity factor (ISF):
mmol/L: 100/TDD
mg/dL: 1800/TDD
- Blood glucose target: **5.5 – 6.7** mmol/L (**100 – 120** mg/dL)
- Active insulin time (AIT): **2.0 – 3.0** hours



- Manual mode settings should ensure that basal insulin settings are appropriate should a SmartGuard™ feature Exit occur



MINIMED™ 780G SYSTEM

INITIAL CGM SETTINGS

– MDI AND PUMP USER

Physician



CGM SETTINGS

Suspend before low: **ON**

Low limit threshold:
3.8 mmol/L (70 mg/dL)

Alert before low: **OFF**

Alert on low:
ON by default

Alert on high: **OFF**

All other alert options: **OFF**





MINIMED™ 780G SYSTEM ONBOARDING PUMP AND CGM IN MANUAL MODE

Medtronic
Technical
Consultant



Nurse/Diabetes
Educator



TECHNICAL FOCUS

- Program pump
- Program meter (ensure correct time/date) and pair meter with pump
- Program CGM settings for Manual mode
- Pair transmitter
- Start sensor
- MiniMed™ Mobile app: set-up and use



EDUCATIONAL FOCUS

- How to bolus with Bolus Wizard™ feature including explanation active insulin
- Suspend and resume
- Carb counting and bolus before meals
- How to change infusion set and fill reservoir
- Correction bolus (if high)
- Read and respond to pump messages
- How to insert, change and tape sensor
- Calibrate **2–3** times/day (before meals and bed) and that every BG confirmed will be used for calibration
- Hypo and hyper protocol
- How to set-up CareLink™ Personal account and upload the pump in CareLink™ software (if needed - in case the MiniMed™ Mobile app is not used)



- Medtronic is providing the technical product training (pump and CGM start, SmartGuard™ feature initiation). In addition, we have several touchpoints & services before and after the technical training
- Based on the previous experience of the patient, the training content may vary – i.e., if patient has already pump or CGM experience



MINIMED™ 780G SYSTEM

GENERAL TIPS AND TRICKS WHEN TRAINING PATIENTS IN THE REMOTE SETTING

BEFORE THE TRAINING – COMMUNICATION TO THE PATIENT

Invite the patient via email to the remote training with the following information and tell them to read the information carefully.

- Provide the link to access the online-meeting together with the Webex/Zoom instructions
- Inform patient that it is more comfortable to use a PC or iPad instead of a phone because of the larger screen and that the use of the webcam will improve the training experience and the outcome
- Advise patient to complete the pre-reading before the training and let him know that the pump supplies are needed for the training
- If patient feels comfortable, they can create a CareLink™ Personal account before the training

PREPARE YOURSELF BEFORE THE TRAINING

- Make sure that the patient received the pump supplies before the training
- Prepare the tools you are planning to use during the training - e.g., training decks, videos, demo products you are planning to show via the webcam during the training
- Make sure that you are able to do the training in a quiet environment with no distracting noises



MINIMED™ 780G SYSTEM

GENERAL TIPS AND TRICKS WHEN TRAINING PATIENTS IN THE REMOTE SETTING

AT THE BEGINNING OF THE TRAINING

- Explain how to use the Webex or Zoom application and how to mute / unmute, start / stop the video and leave the meeting when training is complete
- Let the patient know that using the webcam can improve the training experience and outcome but that they can turn the camera off or mute themselves at any time a break is required
- Inform the patient that the training will not be recorded or screenshots will be taken
- In case of a group training, let the patient know that everything they say will be heard by other people
- Discuss the agenda and any question or concern the patient may have on the agenda or other topics
- Inform the patient that there will be some interaction during the training - e.g., knowledge checks

DURING THE TRAINING

- Ensure retention and engagement by using the knowledge checks, asking questions and providing feedback
- A good mix and balance on learning formats is important - explanations by using slides, showing videos, practical tasks to be completed by the patient, asking questions and providing feedback
- Ask the patient to show the pump screen on the webcam when the programming is done (e.g, basal rates). This will allow you to check the correct pump set-up much easier



MINIMED™ 780G SYSTEM

GENERAL TIPS AND TRICKS WHEN TRAINING PATIENTS IN THE REMOTE SETTING

AT THE END OF THE TRAINING

- Ask the patient if there are any questions or concerns. Answer/discuss questions and let the patient know that they can call the helpline in case of any technical questions and you for any therapy-related questions
- Advise the patient to complete the pre-work for the next step in the training process (CGM, SmartGuard™ feature)
- Inform the patient about the documents you will send them by email after the training
- Go through the checklist together with the patient and check training topics covered



MINIMED™ 780G SYSTEM

TIPS AND TRICKS SPECIFIC TO PUMP AND CGM REMOTE TRAINING

PUMP TRAINING

BEFORE THE TRAINING

- If the patient feels comfortable, they can already link the pump with the meter
- Send the Quick Reference Guide for Infusion set insertion by email to the patient
- Ask the patient to have a kitchen sponge available for the infusion set training

INFUSION SET TRAINING FOR PUMP NAIVE PATIENTS

- 1 Show the insertion video and provide any additional information
- 2 Do a practical demonstration by using a kitchen sponge
- 3 Ask the patient to insert the infusion set into a kitchen sponge in case he feels uncomfortable to do the first insertion into the body. Let patient know that he can use the Quick Reference Guide as a helpful resource to check the steps in the insertion process.
- 4 The patient can insert the infusion set into the body

CGM TRAINING

BEFORE THE TRAINING

- Advise the patient to put the transmitter on the charger the day before the training
- If patient feels comfortable, they can already link the transmitter with the pump right before the training
- Ask the patient to review the sensor insertion video before the training
- Send the Quick Reference Guide for sensor insertion by email to the patient.

SENSOR INSERTION TRAINING FOR CGM NAIVE PATIENTS

- If pump and infusion set training was done before the CGM training, the patient should feel comfortable inserting a sensor into the body
- In case a pump naive the patient will start with CGM first, you can follow the procedure described for infusion set training. Let patient know that he can use the Quick Reference Guide to check the steps in the insertion process.



PUMP AND CGM TRAINING TASKS TO COMPLETE BEFORE THE VIRTUAL ONBOARDING BY MEDTRONIC



HCP CHECKLIST



- Define initial pump settings, decide on CGM settings, write prescription and provide to Medtronic Technical Consultant and the patient



- Set-up a call/virtual meeting with the patient the day before the Pump and CGM training to:
 - Manage expectations regarding pump and CGM use
 - Discuss any question or concern
 - Complete therapy related education, i.e, Hypo- and hyper protocol, sick-day management, back-up plan
 - Instruct patient to create CareLink™ Personal account and to upload pump before the SmartGuard™ feature initiation (if needed - in case the MiniMed™ Mobile app is not used)
 - Instruct patient to put transmitter on the charger the day before the CGM training
 - Discuss follow-up and complete onboarding process



- Confirm if there is any legal requirements (i.e. consents) that needs to be completed before the training



PUMP AND CGM TRAINING

TASKS TO COMPLETE BEFORE THE VIRTUAL ONBOARDING BY MEDTRONIC

PATIENT CHECKLIST



- Sign consent form if needed



- Confirm that you have all the material available before training (pump, transmitter, etc.)



- Put transmitter on the charger the day before the CGM training



- Complete pre-training tasks (sent via email)



MINIMED™ 780G SYSTEM

AVAILABLE RESOURCES FOR HCP – PUMP AND CGM INITIATION

Physician



The following tools are available for you to support the pump and CGM initiation

Pumping Protocol – A Guide to Insulin Pump Technology Initiation

E-Learning module: Getting to know the MiniMed™ 780G system
(for HCPs with experience on the MiniMed™ 670G system)

E-Learning module: MiniMed™ 780G system -
Foundational concept (for HCPs without experience on the
MiniMed™ 670G system)

E-Learning module: MiniMed™ 780G system -
Onboarding and Follow-up

MiniMed™ 780G system - Quick Reference Protocol

MiniMed™ 780G system - Therapy Management

Initiation Settings Sheet

Patient Training Checklist

Menu Maps MiniMed™ 780G system
(simplified and detailed version)

Videos:

[CareLink™ system](#)

[Uploading MiniMed™ 780G pump](#)



- The videos are available on YouTube
- To access the documents and E-Learning modules, please contact your Medtronic representative



MINIMED™ 780G SYSTEM

AVAILABLE RESOURCES FOR PATIENT TRAINING – PUMP AND CGM INITIATION

The following tools are available to be
used in the virtual patient training

Training Deck MiniMed™ 780G System – Pump only

Training Deck MiniMed™ 780G System – CGM only

Training Deck MiniMed™ 780G System – Pump & CGM

MiniMed™ 780G system - Quick Start Guide

MiniMed™ Mobile and CareLink™ Connect app One pager

CareLink™ Personal Quick reference guide

Quick References Guides Infusion set insertion

Quick Reference Guide Guardian™ Sensor 3 insertion

Tips & Tricks when using the MiniMed™ 780G system

Email template pre pump and pre CGM session

Webex/Zoom instructions

StartRight™ One pager

Videos:

[Inserting the MiniMed™ Mio™ Infusion Set](#)

[MiniMed™ Mio™ Advance](#)

[MiniMed™ Mio™](#)

[MiniMed™ Mio™ 30](#)

[MiniMed™ Quick Set™](#)

[MiniMed™ Reservoir](#)

[MiniMed™ Silhouette™](#)

[MiniMed™ Sure-T™](#)

Videos: Guardian™ Sensor 3 insertion

[Arm](#)

[Abdomen](#)



- The videos are available on YouTube
- To access the documents and training decks, please contact your Medtronic representative



MINIMED™ 780G SYSTEM SMARTGUARD™ FEATURE ONBOARDING AND FOLLOW-UP

Physician



1

SMARTGUARD™ FEATURE START

2

STARTRIGHT™



	AT LEAST 1 DAY BEFORE STARTING SMARTGUARD™ FEATURE	STARTING SMARTGUARD™ FEATURE	2 DAYS POST SMARTGUARD™ FEATURE START	AFTER SMARTGUARD™ FEATURE START	AFTER SMARTGUARD™ FEATURE START
TASK	▪ Review pump and CGM settings ▪ Adapt settings if needed ▪ Patient education on therapy-related topics	Complete SmartGuard™ training	Training Survey	StartRight™ program	Structured follow-up
STEPS TO COMPLETE*	▪ Review CareLink™ data and decide on adjustments in Manual mode settings as needed ▪ Set-up a call/virtual meeting with the patient to discuss any behaviour or setting changes needed based on your findings ▪ Discuss important questions or concerns ▪ Expectation setting regarding SmartGuard™ feature use ▪ Check need for exercise protocol ▪ Inform the patient that a working sensor is needed to start SmartGuard™ feature ▪ Write orders for Manual mode setting changes and SmartGuard™ initial settings and provide to Medtronic Technical Consultant and patient by email	Technical training: ▪ Program SmartGuard™ settings and start SmartGuard™ feature Educate on: ▪ How to change infusion set ▪ Temp Target — when and how to use it ▪ Assess understanding / address issues and questions Managing expectations: ▪ Patient need to understand that system is not fully automated and that some interaction is still needed Patient responsibilities: ▪ Calibration ▪ Enter BG when requested by the system ▪ Enter carbs/bolus before meal ▪ Correction bolus if requested by the system ▪ “Blue shield and green circle”	▪ Have your say! Your training survey	▪ 3 months free personalized program	▪ Assess patient understanding and address issues and questions ▪ Review CareLink™ reports ▪ Discuss special considerations based on the individual needs
FORMAT & TOOLS	 			 	

*Check knowledge & understanding with knowledge checks during the Remote Training.



MINIMED™ 780G SYSTEM SMARTGUARD™ FEATURE SETTINGS – MDI AND PUMP USER

Physician



SMARTGUARD™ FEATURE

- Auto basal target: **5.5** mmol/L (**100** mg/dL)
- Auto corrections: **ON**

MANUAL MODE SETTINGS

- Manual mode settings do not have to be tightly titrated, however they should provide safety
- Consider strengthening ICR and decreasing basal rates by **10%** if basal is **>50%** of TDD

ASSESS ESSENTIAL PATIENT BEHAVIOURS

- Calibrates **2–3** times/day
- Enters carbs/boluses before eating
- Gives corrections as instructed
- Uses pump and CGM appropriately
- Changes infusion site and sensor frequently
- Uploads to CareLink™ Personal software (if needed - in case MiniMed™ Mobile app is not used)



- Every patient must start MiniMed™ 780G system in Manual mode, regardless of previous pump and CGM experience
- Requires at least 48 hours insulin delivery data before the SmartGuard™ feature can be initiated (Timing begins at midnight)



MINIMED™ 780G SYSTEM ONBOARDING SMARTGUARD™ FEATURE – MDI AND PUMP USER

Medtronic
Technical
Consultant



Nurse/Diabetes
Educator



TECHNICAL FOCUS

- Program SmartGuard™ settings
- Start SmartGuard™ feature



EDUCATIONAL FOCUS

- Manual mode vs. SmartGuard™ feature
- How to change infusion set
- Temp Target – when and how to use it
- Assess understanding/address issues and questions
- Managing expectations
- Patient need to understand that system is not fully automated and that some interaction is still needed

Check need for exercise protocol

- Calibration
- Enter carbs/bolus before meal
- Blue shield and green circle



- Medtronic is providing the technical product training pump and CGM start, SmartGuard™ initiation
- In addition, we have several touchpoints and services before and after the technical training



MINIMED™ 780G SYSTEM

TIPS AND TRICKS FOR SMARTGUARD™

FEATURE TRAINING IN THE REMOTE SETTING

SMARTGUARD™ FEATURE TRAINING

BEFORE THE TRAINING

- Let the patient know that a working sensor is needed to start the SmartGuard™ feature during the training
- Inform the patient that a minimum of 48 hours in Manual Mode is needed to start the SmartGuard™ feature
- Timing begins at the following midnight after starting the insulin delivery



- For any additional information, refer to **GENERAL TIPS & TRICKS WHEN TRAINING PATIENTS IN THE REMOTE SETTING**



SMARTGUARD™ FEATURE TRAINING

TASKS TO COMPLETE BEFORE THE VIRTUAL ONBOARDING BY MEDTRONIC



HCP CHECKLIST



- Make sure that the patient has already created a CareLink™ Personal account
- Ask the patient to upload the pump into CareLink™ software (if needed - in case the MiniMed™ Mobile app is not used)
- If not yet done, create a CareLink™ system account for the patient and link with CareLink™ Personal
 - To support telehealth and remote visits, there is a new process on how to link the patients CareLink™ Personal account with your CareLink™ system account
 - When you choose the option “Send a link request using patient`s username” in CareLink™ system, you only need to enter the username. The request will go to your patient by using the e-mail address he has entered in CareLink™ Personal. The patient will see your request in CareLink™ Personal as a pop-up and can agree on the linking
 - The old process to link with a patient present in the clinic also remains as “Link now using patient`s username and password”
- Review CareLink™ reports and decide on adjustments in Manual mode settings as needed



SMARTGUARD™ FEATURE TRAINING TASKS TO COMPLETE BEFORE THE VIRTUAL ONBOARDING BY MEDTRONIC



HCP CHECKLIST



- Set-up a call/virtual meeting with the patient to discuss
 - Any behaviour changes needed based on your CareLink™ review
 - Important questions or concerns
 - Setting adjustments needed to make
 - Expectations regarding SmartGuard™ feature use
 - Exercise protocol if needed
 - Inform patient that a working sensor is needed to start SmartGuard™ feature



- Complete device settings form and provide to Medtronic Technical Consultant and patient by email



SMARTGUARD™ FEATURE TRAINING TASKS TO COMPLETE BEFORE THE VIRTUAL ONBOARDING BY MEDTRONIC

Patient



PATIENT CHECKLIST



- Create a CareLink™ Personal account if not yet done
- Upload your pump into CareLink™ Personal software (if needed - in case the MiniMed™ Mobile app is not used)
 - If you are not able to go to the clinic, your HCP will send you a request via the CareLink™ system and you can agree on the linking in CareLink™ Personal



- Have a call/virtual meeting with your HCP before the SmartGuard™ feature start
 - Prepare for this call and think about any question you may have
 - Discuss your questions or concerns with your HCP – in order to be good prepared for starting SmartGuard™ feature



- A working sensor is needed to start SmartGuard™ feature. Make sure that you insert a new sensor the day before starting SmartGuard™ feature



- Sign consent form if needed
- Complete pre-training tasks (sent by email)



MINIMED™ 780G SYSTEM

AVAILABLE RESOURCES FOR HCP – SMARTGUARD™ FEATURE INITIATION

Physician



The following tools are available to support the SmartGuard™ feature initiation

Quick Reference Protocol MiniMed™ 780G system

MiniMed™ 780G system - Therapy Management

E-Learning module: Getting to know the MiniMed™ 780G system (HCPs with experience on the MiniMed™ 670G system)

E-Learning module: MiniMed™ 780G system - Foundational concept (HCPs without experience on the MiniMed™ 670G system)

E-Learning module: MiniMed™ 780G system - Onboarding and Follow-up

Initiation Settings Sheet

Patient Training Checklist



- The videos are available on YouTube
- To access the documents and E-Learning modules, please contact your Medtronic representative



MINIMED™ 780G SYSTEM

AVAILABLE RESOURCES FOR PATIENT TRAINING – SMARTGUARD™ FEATURE INITIATION

The following tools are available
to be used in the patient training

Training Deck MiniMed™ 780G system – SmartGuard™ feature

MiniMed™ 780G system - Quick Start Guide

Tips & Tricks when using the MiniMed™ 780G system

CareLink™ Personal Quick reference guide (if first remote session)

Email Template pre-SmartGuard™ feature initiation

Webex/Zoom instructions (if first remote session)

SmartGuard™ feature readiness video

StartRight™ One-pager (if first remote session)



- The videos are available on YouTube
- To access the documents and E-Learning modules, please contact your Medtronic representative



MINIMED™ 780G SYSTEM FOLLOW-UP



Structured follow-up is recommended to:

- Assess patient understanding and address issues and questions
 - More frequent in the first month using SmartGuard™ feature (week 1, 2, 4) before going back to standard practice

Review CareLink™ reports to:

- Evaluate glycaemia, system use and need for behaviour or setting changes
- Update Manual mode settings

Discuss special considerations based on the individual needs:

- Challenging meals
- Exercise strategies
- Sick-day Management



After each intervention, allow system time to adapt before making further adjustments - generally 2 weeks - unless issue with hypoglycaemia exists



MINIMED™ 780G SYSTEM FOLLOW-UP



- The system is designed for 5.5 mmol/L (100 mg/dL) Auto basal target. In certain cases as shown below, selecting a higher starting target of 6.1 mmol/L (110 mg/dL) or 6.7 mmol/L (120 mg/dL) and gradually becoming more aggressive over time may be advisable in the following situations:
 - Retinopathy may flare if glucose is reduced too quickly
 - Hypoglycaemia anxiety of patient and/or HCP
 - “Pseudo-hypoglycaemia” symptoms in patients with extended persistent hyperglycaemia
- It is recommended to use an Active Insulin Time (AIT) of 2-3 hours. However, in cases as described above, a longer AIT may be necessary
- Evaluate the CareLink™ report statistics to assess behaviour and glucose control



MINIMED™ 780G SYSTEM FOLLOW-UP – OPTIMISING USE

Physician

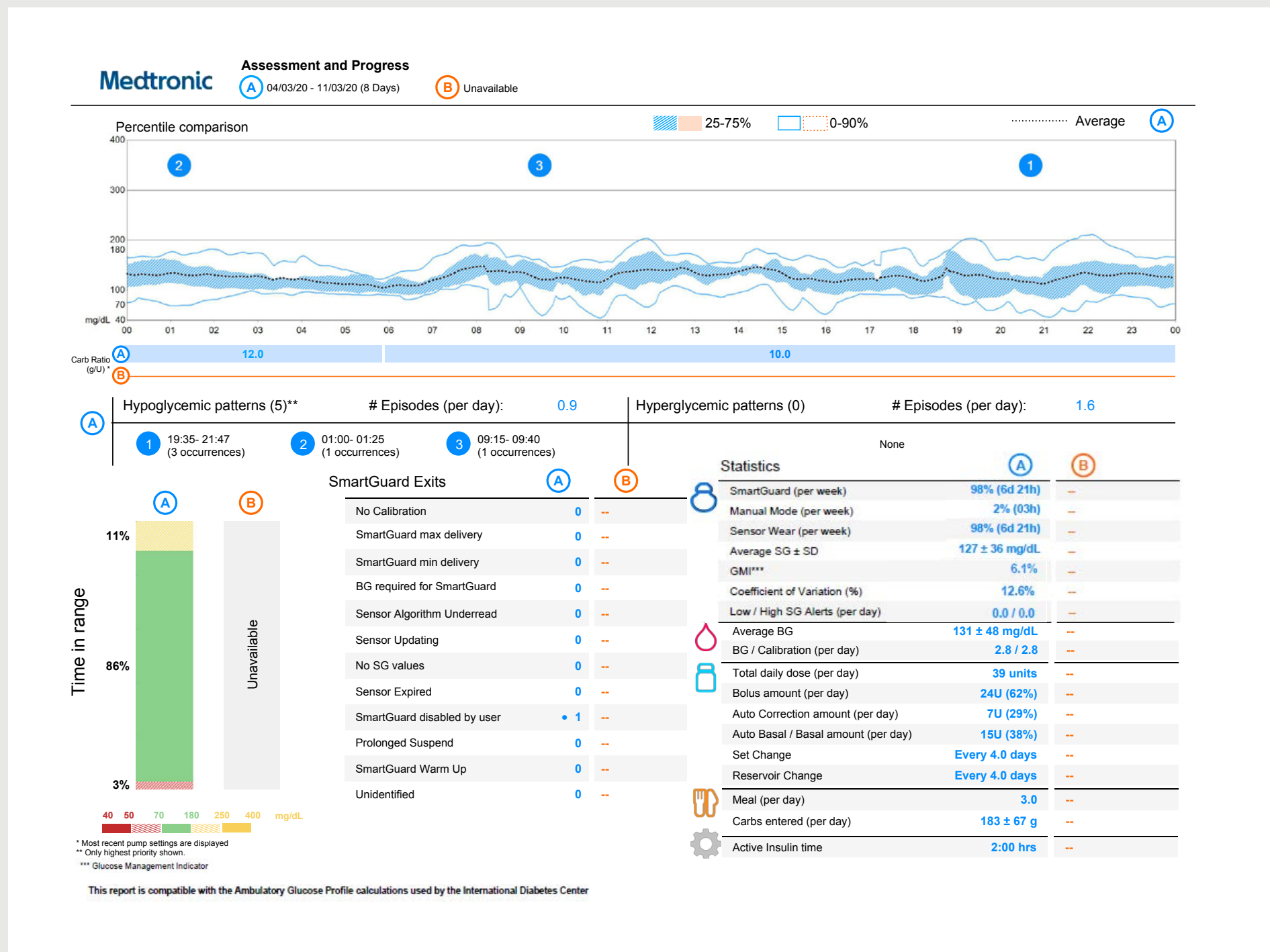


DATA ANALYSIS:

METRICS	GOALS
Time Above 13.9 mmol/L (250 mg/dL) ¹	<5%
Time Above 10.0 mmol/L (180 mg/dL) ¹	<25%
Time In Range (TIR) ¹	>70%
Time Below 3.9 mmol/L (70 mg/dL) ¹	<4%
Time Below 3.0 mmol/L (54 mg/dL) ¹	<1%
HbA1c ² :	< 7% -Adults (<53 mmol/mol) <7.5% - Peds (<58 mmol/mol)
SmartGuard™ use:	≥85%
Sensor use:	≥85%
Calibration/Day	2-3



In addition to these parameters, check if set change is frequently performed.



Assessment and Progress report

- Time in Ranges are international consensus goals¹
- Personalised patient goals may be different than what's in the table
- Action may not be required if personalised goals are met

1. Battelino T et al. Clinical Targets for Continuous Glucose Monitoring Data Interpretation: Recommendations from the International Consensus on Time in Range. Diabetes Care 2019; 42: 1593-1603
2. Standards of Medical Care in Diabetes—2019. American Diabetes Association. Diabetes Care 2019; 42(Supplement 1): S61-S70. <https://doi.org/10.2337/dc19-S006>



MINIMED™ 780G SYSTEM

FOLLOW-UP – GENERAL RECOMMENDATIONS



Auto corrections – indicator of how a patient is using the system

- **High percentage of Auto corrections per day**
 - Not necessarily a bad thing
 - System is working hard to lessen high glucose and keep in target range
 - Can be a signal to take steps for better performance if goals are not met
- **Low percentage of Auto corrections per day**
 - Basal and pre-meal bolus insulin likely keeping glucose in range
 - Patient is most likely bolusing before meals

Active Insulin Time (AIT)

- **Determines the aggressiveness of correction boluses**
 - Shorter AIT results in more aggressive dosing
 - Longer AIT results in less aggressive dosing
- Can be shortened as the algorithm's safety features reduce the correction bolus dose or prevent it altogether if low glucose is predicted
- Programmed AIT only impacts boluses – not Auto basal



MINIMED™ 780G SYSTEM

ADJUSTING PUMP SETTINGS WHEN GOALS ARE NOT MET

Physician



...Time **Above Range**
is High

Use the Meal Bolus Wizard report and other CareLink™ reports to evaluate if:

- **Bolusing too late:** if pre-bolus glucose rise occurs, counsel patient on bolusing earlier before meal
- **Insulin-to-carb ratio (ICR) is optimised:** if 2 hour post-prandial glucose is >10.0 mmol/L (180 mg/dL) and bolus timing is appropriate, ICR most commonly needs to be strengthened to provide a larger meal dose (i.e. change ICR from 10 to 8)
- **Bolus are omitted**

...Time **Below Range** is
High

Use CareLink™ reports to assess:

- Timing of bolus
- Overestimating of carbs (avg carbs/meals are listed)
- Smaller meal bolus may be needed (i.e. change ICR from 8 to 10)
- If persistent **lows** occur without a bolus: consider higher Auto basal target
- If persistent **lows** occur after **Auto** correction boluses: use longer AIT (i.e. 2.0 to 2.5 hours) – correction doses can be more or less aggressive by adjusting AIT
- Utilisation of temp target with exercise
- If **low during sleep**, smaller meal/snack bolus may be needed prior to bed



MINIMED™ 780G SYSTEM

ADJUSTING PUMP SETTINGS WHEN GOALS ARE NOT MET

...If Sensor use <85%	▪ Educate on sensor use and care ▪ Explore reasons for underuse
...If SmartGuard™ use <85%	▪ Educate on sensor wear (primary issue) ▪ Ensure calibrations occur at least every 12 hours, preferably before bedtime
...If <2-3 Calibrations per day	▪ Ensure calibrations occur at least every 12 hours, preferably before bedtime (If calibration needed: may remain in SmartGuard™ feature 4 hours before exiting = 8 hours daily of forgiveness if calibrations are forgotten) ▪ Explore scheduled time to calibrate





MINIMED™ 780G SYSTEM

ADJUSTING MANUAL MODE SETTINGS

Physician



BEST PRACTICE

- Evaluate Manual mode settings **1–2** weeks after starting SmartGuard™ feature & at every office visit
- Adjust settings to mirror SmartGuard™ settings



RECOMMENDATIONS

- Adjust BG Target: **5.5 – 6.7** mmol/L (**100 – 120** mg/dL)
- Adjust ISF:
 - mmol/L: **100 Rule** ÷ Current Total Daily Dose (TDD)
 - mg/dL: **1800 Rule** ÷ Current Total Daily Dose (TDD)
- Basal Rates: Ensure Manual mode **24-hr.** basal total is <50% of TDD
- Suspend before low '**ON**'





MINIMED™ 780G SYSTEM

BEST PRACTICES & CLINICAL TIPS

Physician



BEST PRACTICES

- Keep interventions at a minimum. After updating a setting, allow the system time to adapt
- Carb entry + Auto correction boluses **ON** + lowest Auto basal target = achieving diabetes goals
- Optimise ICR and AIT
- Auto correction % is an indicator of how the patient is using the system. If Auto correction % is high (>30%) and personalised goals are not met:
 - Evaluate if boluses are omitted
 - Evaluate meal bolus report to assess bolus timing and ICR adequacy
- If post-prandial elevated, consider intensifying carb ratio (more insulin) or refine carb counting if not consistent



CLINICAL TIPS

- Encourage carb counting and pre-meal bolusing
- Start new sensor during a fasting period or wait **2-3** hours after bolusing
- Caution using multiple correction doses in Manual mode
- Majority of patients will run a bit above the target glucose setting
- Keep Manual mode basal rates up to date
- Depending on CGM slope and past insulin delivery, the SmartGuard™ feature may reduce a food bolus to help mitigate low SG
- Sync to CareLink™ feature allows automatic uploads, giving HCPs access to data with less work





MINIMED™ 780G SYSTEM

STEPS TO COMPLETE FOR A SUCCESSFUL FOLLOW-UP

HCP CHECKLIST



- Advise patient to upload the MiniMed™ 780G pump before each call or virtual meeting into CareLink™ Personal (if needed - in case the MiniMed™ Mobile app is not used)
- If you were not able to link the patient's CareLink™ Personal account with CareLink™ System, ask patient to send you the reports by email



- Set-up a call or virtual meeting to discuss therapy, system use and changes in behaviour or settings
- Advise the patient to prepare for the call
 - Questions they may have
 - The own perspective on diabetes control and system use



- After the call, send a summary by email with main discussion point, agreed behaviour and settings adjustments to the patient
- Encourage the patient to send you an email or give you a call in case of any questions or concerns





MINIMED™ 780G SYSTEM

STEPS TO COMPLETE FOR A SUCCESSFUL FOLLOW-UP

Patient



PATIENT CHECKLIST



- Download your pump into CareLink™ Personal as requested by your HCP - in case you are not using the MiniMed™ Mobile app
 - First month using SmartGuard™ feature: every week and after that period every two weeks
- When your CareLink™ account is not linked with the account of your doctor, send the reports by email



- Have a call or virtual meeting with your doctor to discuss therapy, system use and changes in behaviour or settings
- When you receive the invite, prepare beforehand and think about
 - Questions or concerns you may have
 - Your own perspective on your diabetes control and system use



- Your doctor will send you a summary of the call or meeting by email with main discussion points and what you agreed on system use, therapy adaptations or pump settings adjustments
- Read this information carefully and make the agreed amendments. Respond to the email and confirm
- In case of any questions or concerns, reach out to your doctor by email or phone

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SMARTGUARD™
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review & topics

Follow-up

Manual mode
settings

Best practices &
clinical tips

Checklists

Resources



MINIMED™ 780G SYSTEM

AVAILABLE RESOURCES FOR HCP TO SUPPORT A SUCCESSFUL FOLLOW-UP

Physician



The following tools are available to
support a successful follow-up

E-Learning module: MiniMed™ 780G system - Onboarding and Follow-up

MiniMed™ 780G system - Quick Reference Protocol

MiniMed™ 780G system - Therapy Management



- The videos are available on YouTube
- To access the documents and E-Learning modules, please contact your Medtronic representative

Medtronic
Further, Together

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MINIMED™ 780G SYSTEM

AVAILABLE RESOURCES FOR PATIENTS TO SUPPORT A SUCCESSFUL USE OF THE SYSTEM

Patient



The following tools are available to support a successful follow-up

Email template post SmartGuard™ Session

StartRight™ Onboarding Program

SmartGuard™ feature readiness videos



- The videos are available on YouTube
- To access the documents and E-Learning modules, please contact your Medtronic representative

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