

**Medtronic**

Engineering the extraordinary

**MiniMed™ 780G System**

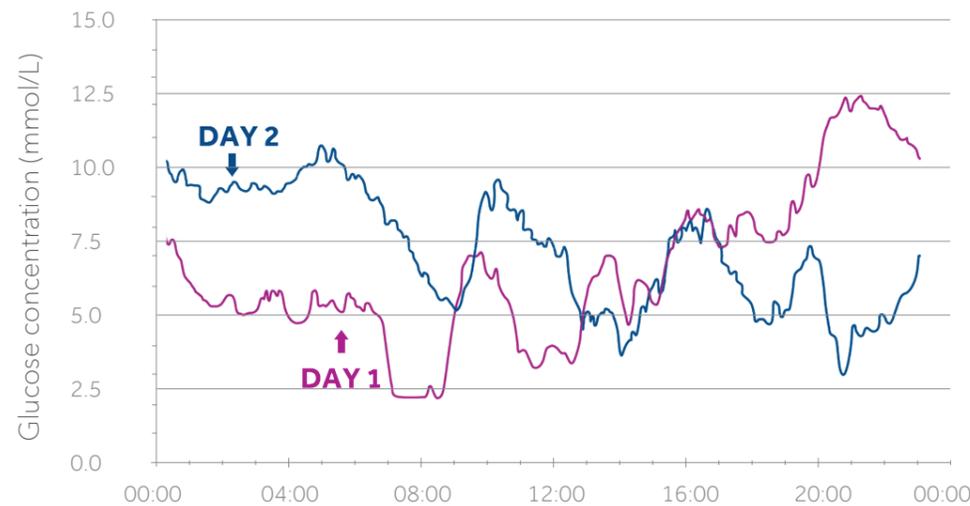
Automatically\*\*  
adjusts insulin delivery  
and corrects glucose  
levels with no  
fingersticks\*



# Patients experience challenges every day

## Blood glucose variables

Each day and night, insulin needs vary<sup>5</sup>



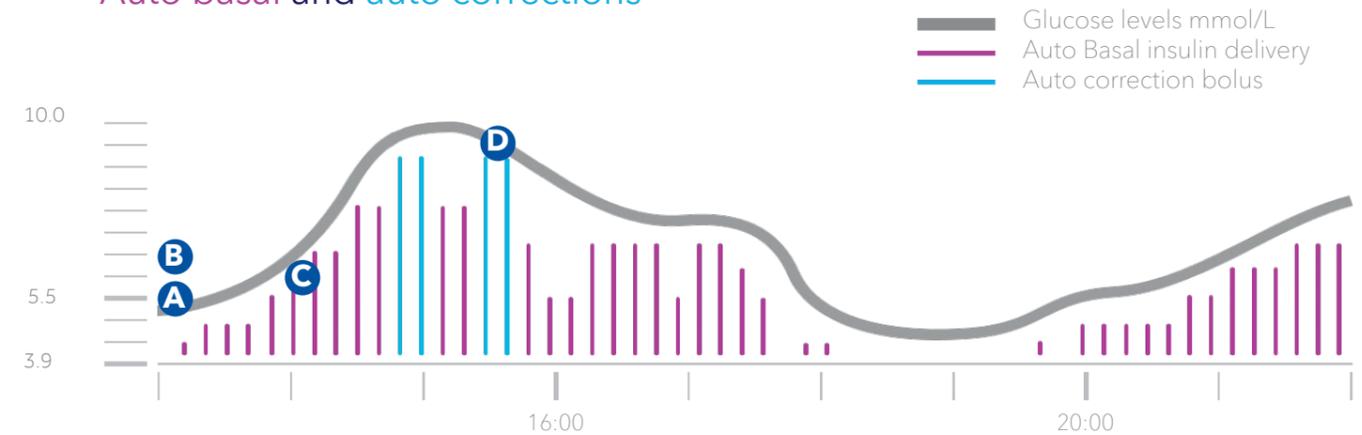
# MiniMed™ 780G system automatically adjusts insulin delivery and corrects highs, every 5 minutes, as needed\*\*



## SmartGuard™ technology

Helps prevent highs and lows<sup>1,2,10</sup>

### Auto basal and auto corrections



For illustrative purposes only.

## Correction boluses

Administering the right amount<sup>6,7</sup>



1 out of 3

high glucose episodes are not followed by a correction bolus.<sup>6</sup>



1 out of 2

times correction boluses are wrongly calculated for managing hyperglycemia.<sup>7</sup>

## Carb counting

Calculating an accurate bolus<sup>8,9</sup>



NEARLY 50%

of people with T1D consider counting carbohydrates as the most burdensome aspect of diabetes self-care.<sup>8</sup>



59%

people with Type 1 Diabetes (T1D) do not count meal carbohydrates correctly.<sup>9</sup>

- A** Selection between a basal target of 5.5 mmol/L (default setting), 6.1 mmol/L or 6.7 mmol/L
- B** The auto correction target is set at 6.7 mmol/L
- C** Basal insulin adjusts every 5 minutes based on sensor glucose values
- D** Auto corrections delivered as needed, as frequent as every 5 minutes

## SmartGuard™ auto corrections:

delivers correction doses automatically\*\* to help keep glucose values in range even if carb counting wasn't exact<sup>1,2,10</sup>

Bolus is delivered automatically up to every 5 minutes if algorithm determines it is needed:

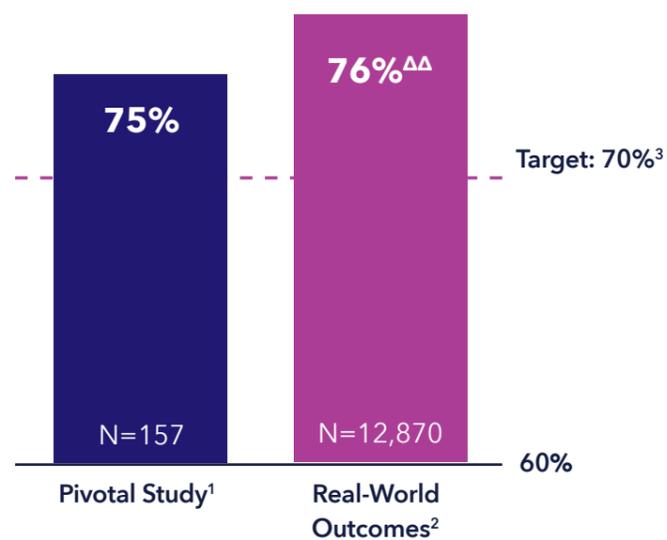
- Maximum auto basal delivery is reached
- Sensor glucose is above 6.7 mmol/L

# MiniMed™ 780G system delivers outcomes as shown by clinical trial<sup>1</sup> and real-world evidence<sup>2</sup>

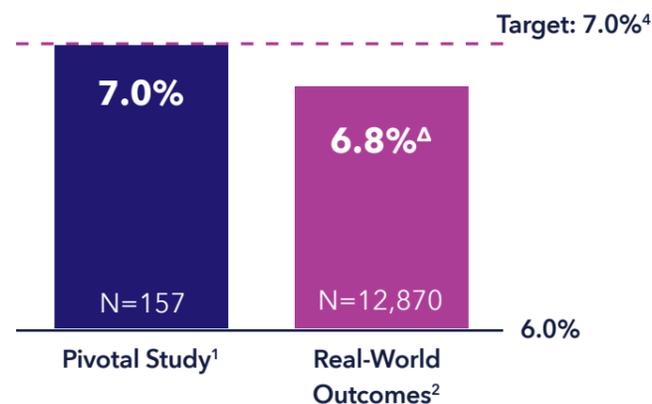
SmartGuard™ feature with Hybrid Closed Loop technology can help your patients to achieve the Time in Range goal of >70% and HbA1c goal of 7.0%.<sup>1,2,3,4</sup>



## Time in range (3.9 - 10 mmol/L)

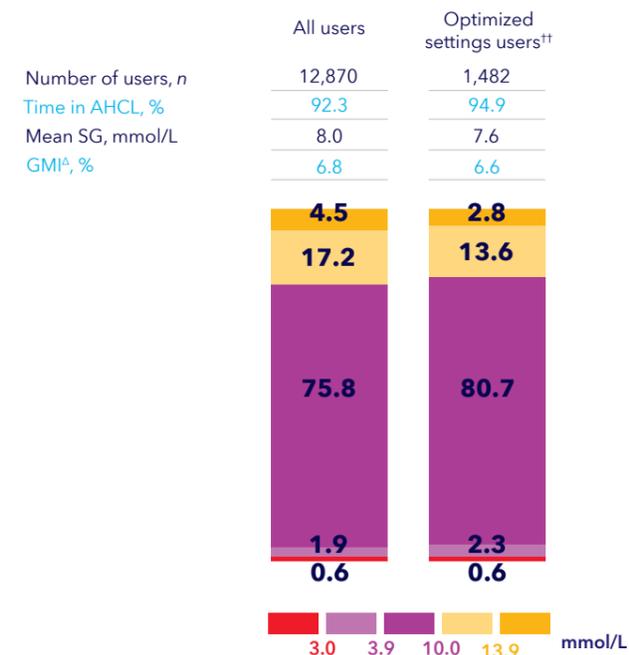


## HbA1c

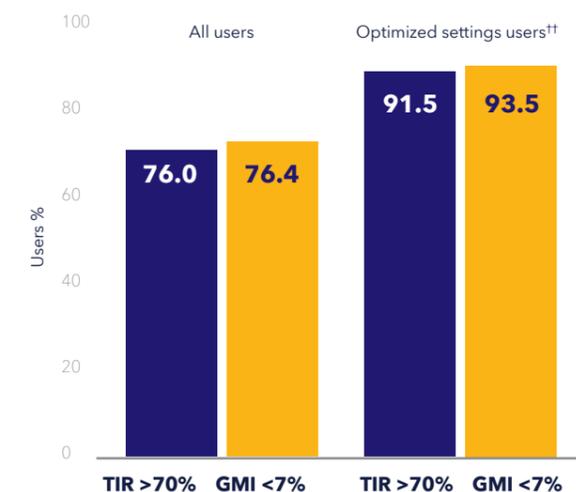


# Most of the MiniMed™ 780G real-world users achieve the glycaemic targets<sup>2</sup>

Real-world data from **12,870** users included in the analysis<sup>2</sup>



## Percentage of Users Achieving the Glycemic Targets<sup>1,3</sup>



SmartGuard™ feature helps users to achieve on average 75.8% TIR and 6.8% GMI with time below 3.9 mmol/L less than 4%.

Use of optimized settings help users to reach even better outcomes: **80.7% TIR & 6.6% GMI.**

**Optimized SmartGuard™ settings: glucose target at 5.5 mmol/L & Active Insulin Time at 2 hours<sup>††</sup>**

**9 out of 10 users are satisfied with the MiniMed™ 780G system<sup>11</sup>**



# Self-adjusting basal insulin pump system with auto correction dosing\*\*

## MiniMed™ 780G insulin pump

Utilize information from continuous glucose monitoring to calculate insulin adjustments and corrections.



MiniMed™ 780G pump



### Guardian™ 4 Sensor & Transmitter

measures glucose levels every 5 minutes, sending info to the pump. Does not require fingersticks for calibration or to make diabetes treatment decisions\*.



### Blood glucose meter

Accu-Chek® Guide Link blood glucose meter. Test results from the Accu-Chek® Guide Link blood glucose meter are sent wirelessly to the pump.

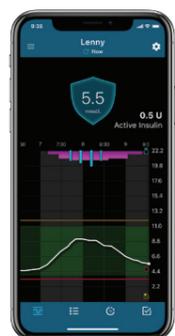
## Smartphone connectivity

for greater convenience and peace of mind



### MiniMed™ Mobile app

Displays pump & CGM information on a smartphone, with customizable options for alerts.† Patients can easily view their Time in Range data to track their goals.\*\*\*



### CareLink™ Connect app

Your patients can choose to share their real-time diabetes data with their care partners.† Care partners can check glucose values on their phone and get alerts if patients are going high or low.\*\*\*

# Remote follow-ups and automatic uploads of patient data†



### CareLink™ software

Provides insights that support meaningful conversations with your patients.

### Access to data

Smartphone connectivity enables automatic and secure uploads of patient data.\*\*\* CareLink™ reports update every 24 hours.

### Virtual visits

Patients can link to your clinic and share data without leaving home.

## WeCare: supporting your patients through their diabetes journey.

### StartRight™ Programme

- 3-month online personalised onboarding programme for pump therapy & CGM
- Learning & educational tools
- Continuous communication with our StartRight™ specialists



### Technical Support & Training

- 24/7 on & offline technical helpline
- Hands-on, face to face and remote training

### Patient community

- Communication with other experienced Medtronic Users
- Community network WeCare Portal of Medtronic Users

### WeCare Portal

- Personalised and reliable non-medical educational content
- eShop access

### CareLink™ Personal

- Ability to access and monitor data at any time
- Empowering therapy management

# MiniMed™ 780G System with Guardian™ 4 sensor

Take a tour of our latest insulin pump technology with a virtual demonstration of the MiniMed™ 780G insulin pump.



Scan the QR code to access the MiniMed™ 780G virtual demo.



MiniMed™ 780G System

This material does not replace or supersede the instructions for use. It should not be considered the exclusive source of information, and should be used in conjunction with the User Guide.

See the User Guide for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at [medtronic.eu](https://www.medtronic.com).

## References

\*A blood glucose (BG) reading is needed when entering SmartGuard™ feature. If glucose alerts and CGM readings do not match your symptoms, use a BG meter to make diabetes treatment decisions. Refer to System User Guide - SmartGuard™ feature. Some user interaction required.

\*\*Refer to System User Guide - SmartGuard™ feature. Some user interaction required.

\*\*\*Patient must use MiniMed™ Mobile app with Sync to CareLink™ feature turned on.

† Refer to MiniMed™ Mobile app and CareLink™ Connect app Instructions for Use. MiniMed™ Mobile app and CareLink™ Connect app requires internet connection.

†† Optimized setting users are the ones using the combination of glucose target setting at 100 mg/dL (5.5 mmol/L) and Active Insulin Time (AIT) at 2 hours for at least 90% of the time.

Optimized SmartGuard™ feature settings for each single patient must be defined by HCPs based on individual targets and specific needs.

<sup>Δ</sup> Glucose Management Indicator (GMI) based on reported mean glucose values. Calculated using JAEB <https://www.jaeb.org/gmi/>.

<sup>ΔΔ</sup> TIR value rounded to the nearest integer

1. Carlson AL, et al. Diab Tech and Therap. 2021; DOI 10.1089/dia.2021.0319
2. Medtronic data on file: MiniMed™ 780G data uploaded voluntarily by 12,870 patients in EMEA to CareLink™ Personal, from 27 August 2020 to 22 July 2021.
3. Battelino T, et al. Diabetes Care 2019;42(8): 1593-1603
4. ADA Guidelines <https://www.diabetes.org/a1c>
5. Brown A. Diatribe.org. <https://diatribe.org/42factors> Accessed June 4, 2020.
6. Westen SC, et al. Journal of Pediatric Psychology, 44(1), 2019, 21-31.
7. Glaser NS, et al. JPeM. 2004;17(12):1641-1651
8. Medtronic data on file. 25-minute survey, N= 498 T1D individuals in Germany, Japan, US, Brazil, August 2019.
9. Meade LT et al. Clin Diabetes. 2016;34(3).
10. Collyns OJ, et al. Diabetes Care. 2021;44(4):969-975.
11. Medtronic data on file: MiniMed™ 780G users survey conducted in April-May 2021 in UK, Sweden, Italy, Netherlands and Belgium. Sample size = 789.

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DreaMed Diabetes is a trademark of DreaMed Diabetes, Ltd. The MiniMed™ 780G system algorithm includes technology developed by DreaMed Diabetes.