

Medtronic

MiniMed™ 780G insulin pump system 

Anticipates. Adjusts. Corrects.¹⁻⁴

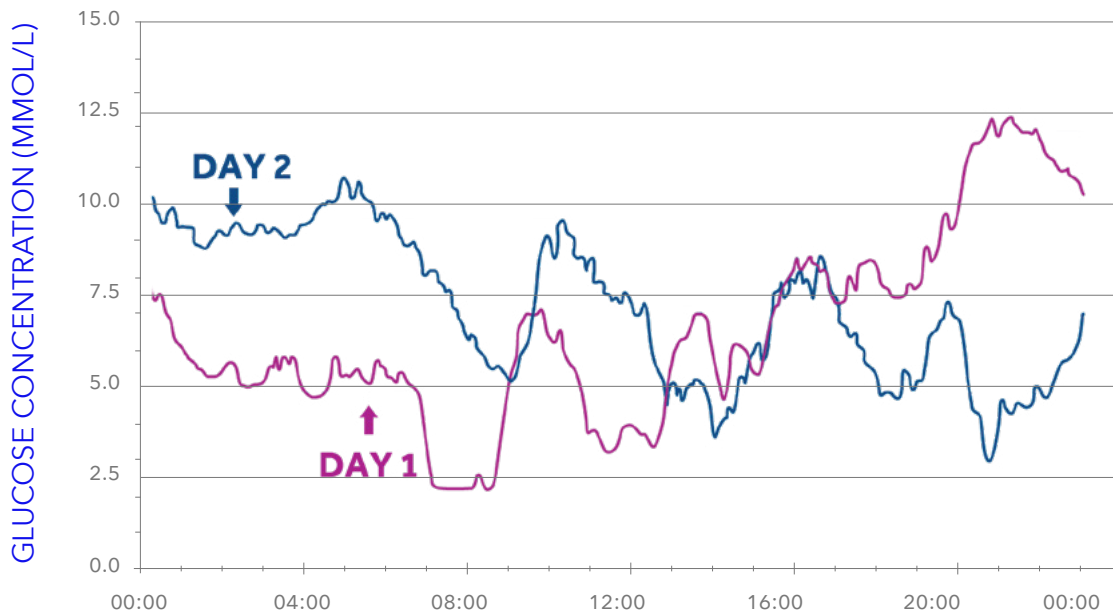
Automated to help more patients reach glycaemic targets with less effort.¹⁻⁴



Everyday challenges

for your patients.

Insulin needs vary 24 / 7



42

factors may affect blood glucose levels.⁶

No-one is perfect

Carb counting sucks



1 OUT OF 3
high glucose episodes are not followed by a correction bolus.⁶



NEARLY 50%
of people with T1D consider counting carbohydrates as the most burdensome aspect of diabetes self-care.⁸



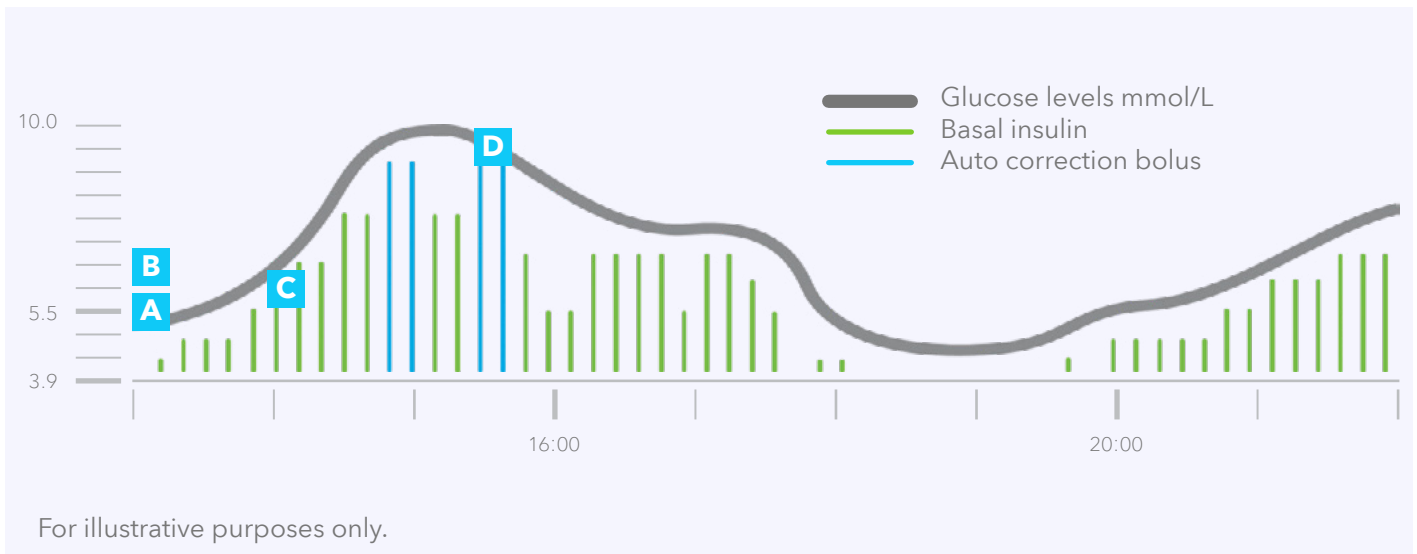
1 OUT OF 2
times correction boluses are wrongly calculated for managing hyperglycemia.⁷



59%
people with T1D do not count meal carbohydrates correctly.⁹

Adjusts and corrects,

every 5 minutes, as needed* through automatic insulin delivery.



A Selection between a basal target of 5.5 mmol/L (default setting), 6.1 mmol/L or 6.7 mmol/L

C Basal insulin adjusts every 5 minutes based on SG values

B The auto correction target is set at 6.7 mmol/L

D Auto corrections delivered as needed, as frequent as every 5 minutes

MiniMed™ 780G insulin pump system 

Engineered for living

Smartguard™ Auto Bolus:

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

- Maximum auto basal delivery is reached
- SG is above 6.7 mmol/L
- Helps adjust for inaccurate carb count ¹



¹Components sold separately. Some User Interaction required. Individual results may vary

Apple and Android mobile apps.



Patients track time in range.[†]
Set alerts.

MINIMED™ MOBILE APP



Share real time with care partners.^{††}

CARELINK™ CONNECT APP

Automatic Care-link uploads.[†]



CARELINK™ SOFTWARE

Insights support meaningful conversations with your patients.

ACCESS TO DATA

Automatic and secure uploads of patient data.[†]
CareLink™ reports update every 24 hours.

VIRTUAL VISITS

Patients can share data without leaving home.

More* time in range 1,3,4,10

AHCL U.S. PIVOTAL TRIAL

Time in Hyper
Target: < 25%

Time in Range
Target: > 70%

Time in Hypo
Target: < 4%

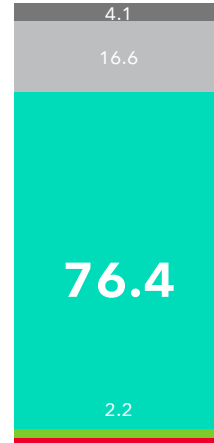
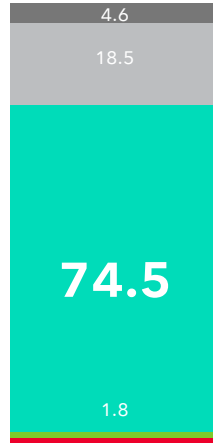
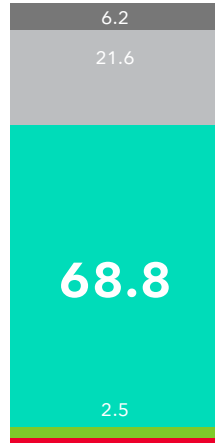
HbA1c, %

BASELINE
(N=157)

OVERALL AHCL
(N=157)

OPTIMAL SETTINGS
(5.5 mmol/L & AIT
2-3hr) (N=97)

TIME IN RANGE
(mmol/L)



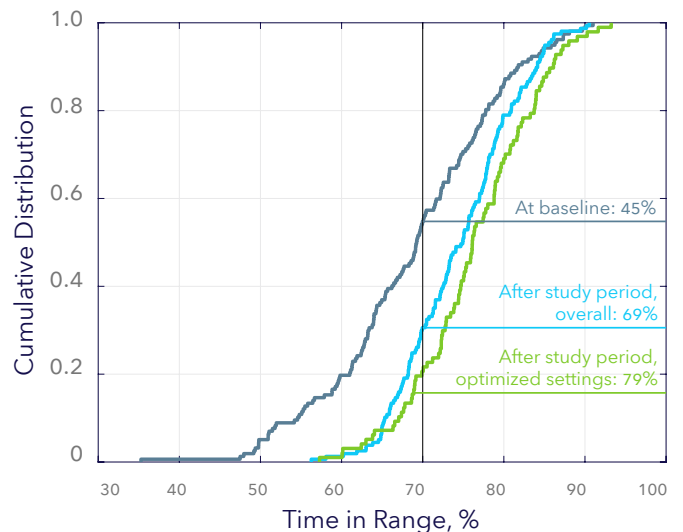
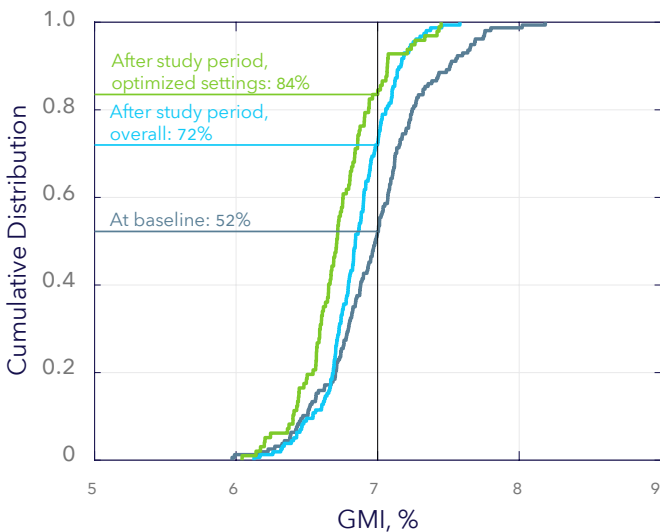
7.5

7.0

On target with less effort ^{1-4,◆}

84% of subjects achieved GMI goal with optimized settings versus **52%** at baseline.

79% of subjects achieved Time in Range goal after study period with optimized settings versus **45%** at baseline.



— At baseline
— After study period, overall
— After study period, at target 5.6 mmol/L + AIT 2-3 hours

*Refer to System User Guide - SmartGuard™ feature. Some user interaction required. ◆ vs previous therapy. Medtronic data on file. Pivotal Trial (Age 14-75). N=157. 2020; 16 US sites.

You and our algorithm

1

Re-calculates EVERY midnight*

The ONLY algorithm that re-calculates Total Daily Dose and Insulin Sensitivity Factor based on actual insulin delivered every 24 hours.

2







Treats to target, not a range*

The ONLY algorithm that has choice of targets (5.5mmol/L, 6.1mmol/L or 6.7mmol/L).

3

No basal rates in Smartguard feature*

The ONLY algorithm where insulin delivery is calculated EVERY 5 minutes based on actual Sensor Readings.

SETTING	CLINICIAN	ALGORITHM
Auto Basal		
Carb Ratio		
Insulin Sensitivity Factor		
Active Insulin Time	 2-3 hours ¹	
Auto Basal Target	 5.5 mmol/L ¹	
Auto Correction		

MiniMed™ 780G insulin pump system 

Evolving freedom



MINIMED™ 640G SYSTEM	MINIMED™ 670G / 770G SYSTEM	MINIMED™ 780G SYSTEM
		<p>✓</p> <p>Automatically corrects highs when they occur</p>
		<p>✓</p> <p>Personalised diabetes goals Glucose target choice to (5.5, 6.1, 6.7 mmol/L)</p>
	770G Only	<p>✓</p> <p>Smartphone applications: Patient app Care partners app</p>
	770G Only	<p>✓</p> <p>Future-proof software updates and upgrades</p>
	✓	<p>✓</p> <p>Automatically adjust insulin delivery</p>
✓	✓	<p>✓</p> <p>Predicts lows and suspends insulin to help prevent lows</p>
✓	✓	<p>✓</p> <p>Suspends insulin at a preset low level</p>

"The system takes the worry and stress away for me and my family, especially over highs and lows."

MINIMED™ 780G System Patient



70% claim "Less effort to avoid lows"^{2,♦}



72% claim "Less effort to avoid highs"^{2,♦}

♦ vs previous therapy. Medtronic data on file. Pivotal Trial (Age 14-75). N=157, 2020; 16 US sites.

See for yourself



for a virtual demonstration of the MiniMed™ 780G insulin pump system.



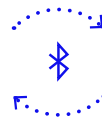
Calculate insulin adjustments & corrections.

MINIMED™ 780G INSULIN PUMP



Sends glucose levels every 5 minutes.

GUARDIAN™ SENSOR 3



Wireless sensor calibration.

BLOOD GLUCOSE METER

REFERENCES 1. Carlson, AL. et al. Poster at the 80th International Conference of the American Diabetes Association, June 12-16, 2020, Chicago/Virtual. 2. Medtronic data on file. Pivotal Trial (Age 14-75). N=157, 2020; 16 US sites. 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, O. et al. Poster at the 80th International Conference of the American Diabetes Association, June 12-16, 2020, Chicago/Virtual.

*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 CareLink™ Connect app Instructions for Use. CareLink™ Connect app requires internet connection.

Medtronic Australasia Pty Ltd
2 Alma Road Macquarie Park,
NSW 2113 Australia

Tel: +61 2 9857 9000
Fax: +61 2 9889 5167
Toll Free: 1 800 777 808

Email: australia.diabetes@medtronic.com
Facebook: www.facebook.com/MedtronicDiabetesAUS
YouTube: Medtronic Diabetes ANZ

APPROVAL: # 10370-112021
©Medtronic 2021 All rights Reserved.
Printed in Australia 11/2021

ALWAYS READ THE INSTRUCTIONS FOR USE (IFU)

For detailed information regarding indications, contraindications, warnings, precautions, and potential adverse effects, please consult the IFU.

[medtronic-diabetes.com.au](https://www.medtronic-diabetes.com.au)

dreamed
diabetes ai



Medtronic
Engineering the extraordinary