

**Medtronic**

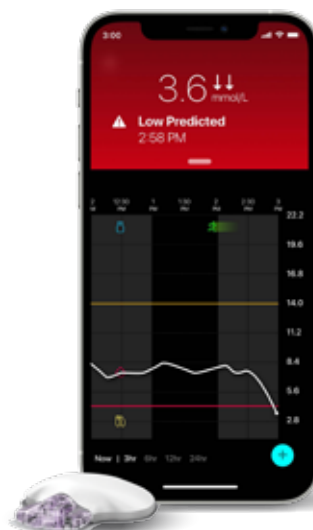
Engineering the extraordinary

Know before you go low or high  
with real-time blood glucose  
readings, trends and alerts.



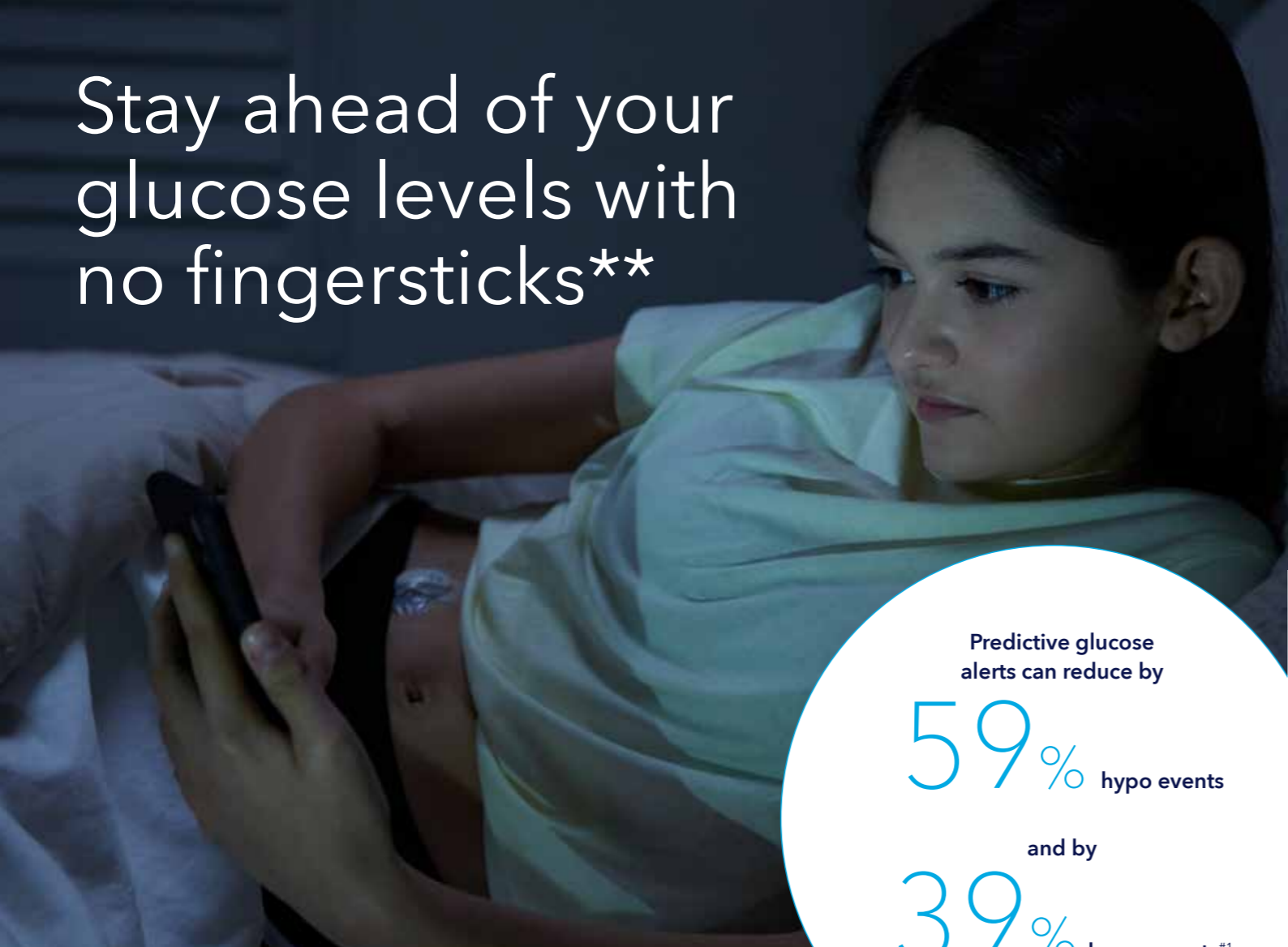
Guardian™ 4  
Smart\* CGM system

For people on multiple  
daily insulin injections



Guardian™ 4 Smart\*  
CGM system

Stay ahead of your glucose levels with no fingersticks\*\*



Predictive glucose alerts can reduce by

**59%** hypo events

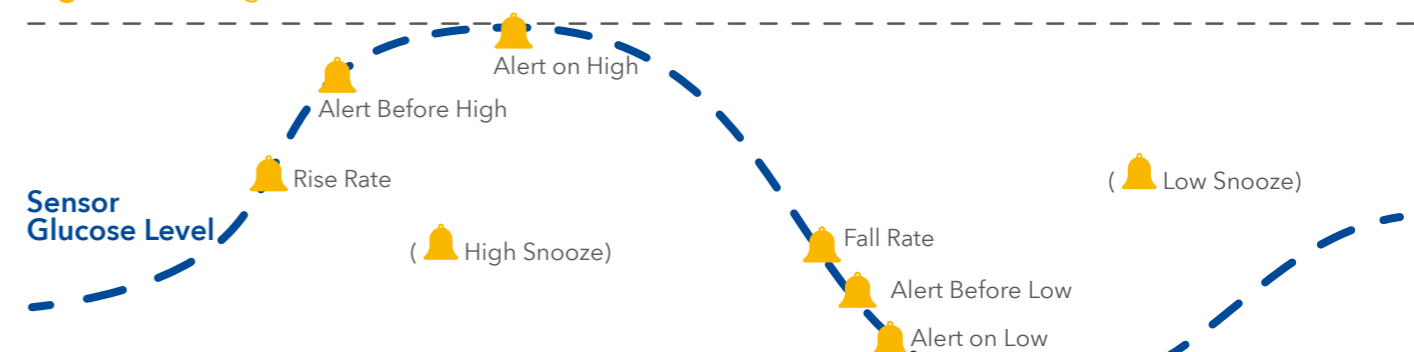
and by

**39%** hyper events<sup>#1</sup>

Stay ahead with predictive alerts up to 60 minutes before a high or low

Customisable and Personalised glucose alerts

High Limit (range between 5.6 mmol/L and 22.2 mmol/L)



Low Limit (range between 3.3 mmol/L and 5 mmol/L)

Urgent Low 3.1 mmol/L  
Mandatory setting for patient safety



Real-time glucose readings

The Guardian™ 4 CGM accurately records sensor glucose every five minutes, so you can see how you're trending on your mobile device.



Advanced predictive glucose insights

Allows you to stay ahead with predictive alerts up to 60 minutes before a high or low.



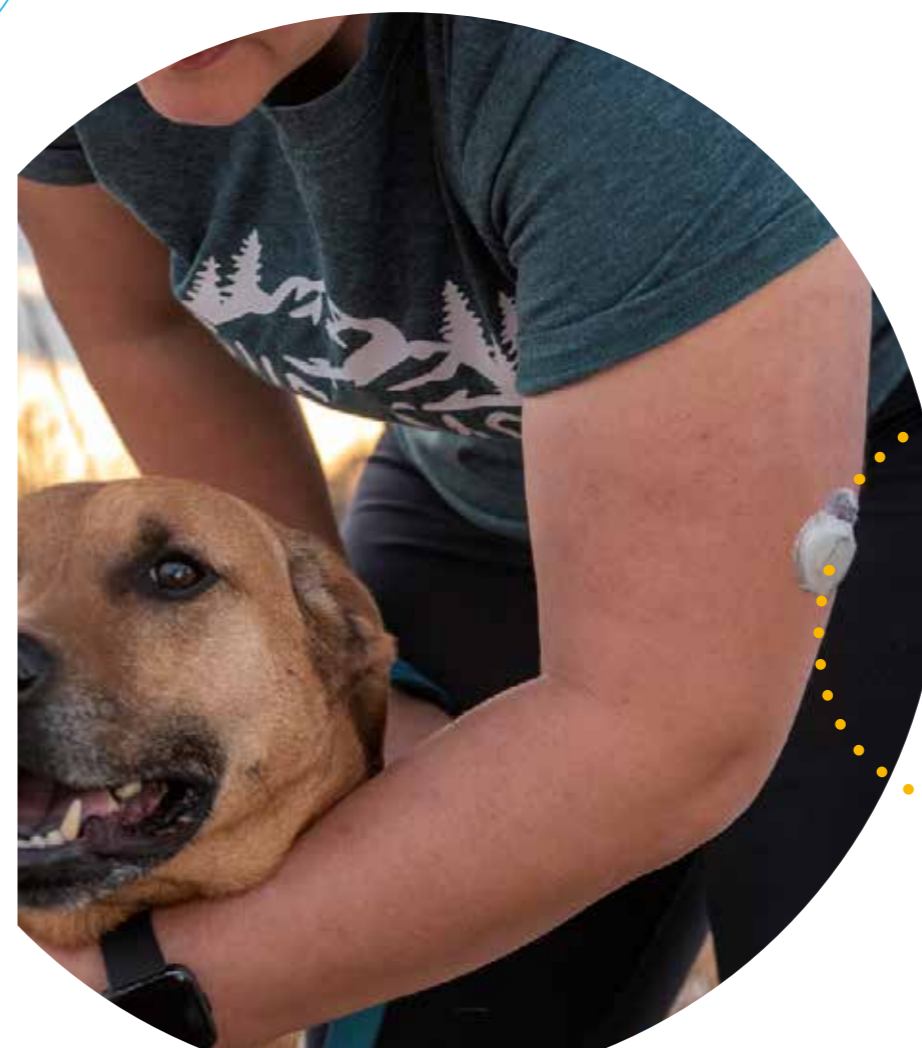
Advanced notifications, alerts and alarms

Set and customise your glucose notifications, alerts and alarm volumes to meet your preferences.



Activity diary

Record insulin, exercise, meals and more in the integrated logbook to understand how activities may affect your glucose trends.



Guardian™ 4 Smart\* CGM system

Sensor

Checks glucose every five minutes. Wear up to 7 days. No fingersticks required\*\*

Transmitter

Connects to compatible mobile device using Bluetooth®. Rechargeable. 1 year warranty.

# Guardian™ 4 Smart\* CGM system

Customise alerts & alarm volumes



Glucose trend arrow

Real-time sensor glucose

Event marker

Set high & low limits

Sensor glucose trend line

Event marker

Glucose history



Guardian™ 4 sensor & transmitter



## Stay connected with shareable data

### Share glucose data with friends and family

Keep the people important to you informed with remote monitoring and the option to securely share changes in your glucose values with real-time text alerts sent to their mobile phone.

### Share personalised glucose reports

Discover new ways to improve your therapy by collaborating with your healthcare provider with personalised glucose management reports from CareLink™ Personal software.

# Continuous glucose monitoring (CGM)

Continuous Glucose Monitoring (CGM) gives you a more complete picture of your glucose levels, which can lead to better lifestyle decisions and better glucose control.

## What is CGM?

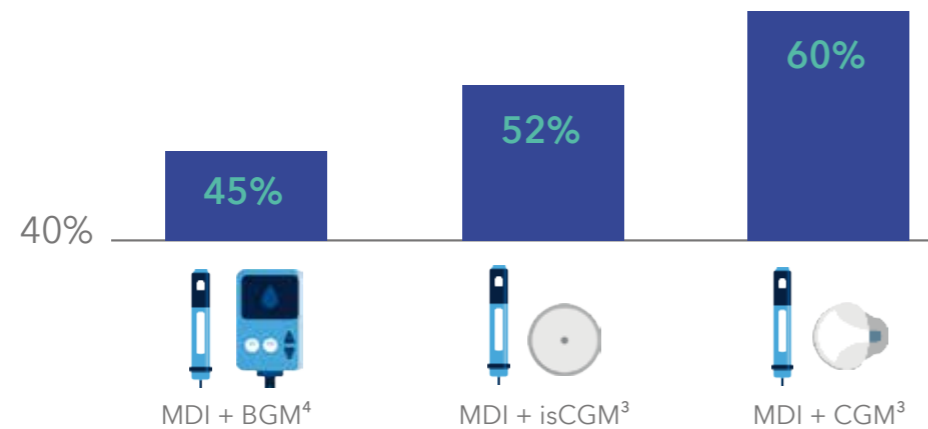
CGM systems track glucose levels, every few minutes, 24/7 through a tiny sensor inserted under your skin, either on your abdomen or arm using an automatic inserter. The sensor measures your interstitial glucose level, which is the glucose found in the fluid between the cell. CGM therapy can be used with or without an insulin pump.

## What are the benefits of CGM?

A blood glucose meter only provides a brief "snapshot" of your glucose level at a single moment in time. A CGM system gives you a greater view of your glucose trends. CGM can provide valuable information† at crucial points during the day, including before and during exercise, prior to driving, before test/exam-taking, and in the middle of the night.

Switching to CGM can significantly improve time in range<sup>3,4††</sup>:

70% Time In Range Goal<sup>3, 4</sup>



Is-CGM : Intermittently scanned CGM system

CGM : Real-time CGM system

Data coming from studies with different design and evaluating different population.

TIR value rounded to the nearest integer.

## Do I need CGM ?

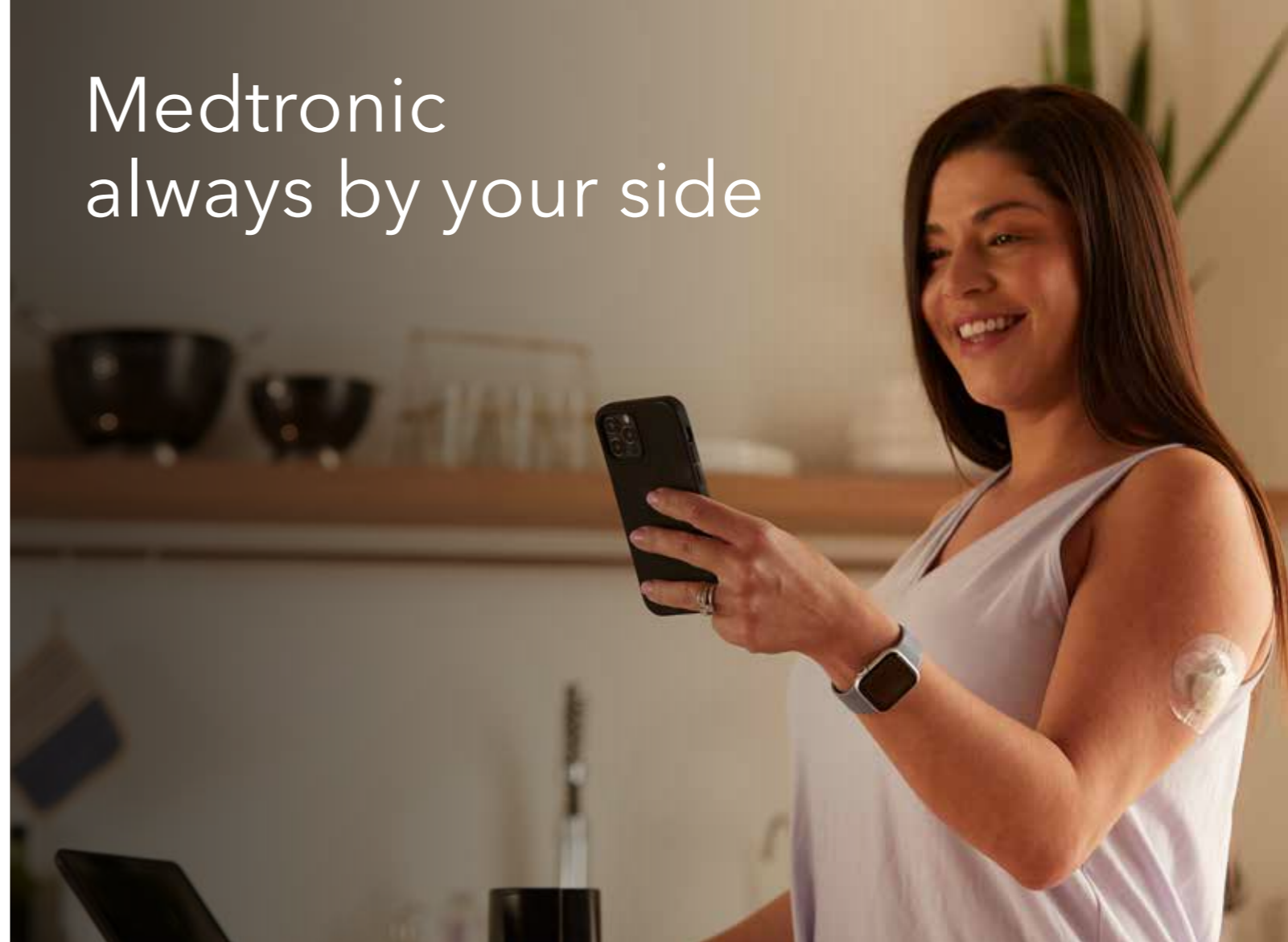
CGM is especially beneficial for people who:<sup>2</sup>

- Have frequent low glucose levels
- Want to improve their HbA1c value without increasing low events
- Have widely variable blood sugar levels

Data coming from studies with different design and evaluating different population.



# Medtronic always by your side



Medtronic is working together with the global community to change the way people manage diabetes.


The company aims to transform diabetes care by expanding access, integrating care and improving outcomes, so people living with diabetes can enjoy greater freedom and better health.

Medtronic products and therapies improve the lives of two people every second.

Medtronic does not only create innovative diabetes therapies solutions. With our products you also get access to:

 Personalised onboarding program

 24/7 product and technical support  
Helpline: 0800 633 7867

 Online training resource that you can access at your convenience

**Register now**

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



Guardian™ 4 Smart\*  
CGM system

## Guardian™ 4 Smart\* CGM system

Know before you go low or high with real-time glucose readings, trends and alerts

**To learn more,  
Call 0800 633 7867  
Or visit**

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



Information contained herein is not medical advice and should not be used as an alternative to speaking with your doctor. Discuss indications, contraindications, warnings, precautions, potential adverse events and any further information with your health care professional.

### References

1. Abraham SB, et al. Improved Real-World Glycemic Control With Continuous Glucose Monitoring System Predictive Alerts. *Journal of Diabetes Science and Technology* 2021; 15(1):91-97
2. Rodbard D. Continuous Glucose Monitoring: A Review of Recent Studies Demonstrating Improved Glycemic Outcomes. *DIABETES TECHNOLOGY & THERAPEUTICS* 2017; 19 (3): s25-s37
3. Visser MM, et al. Comparing real-time and intermittently scanned continuous glucose monitoring in adults with type 1 diabetes (ALERTT1): a 6-month, prospective, multicentre, randomised controlled trial. *Lancet*. 2021; 12;397(10291):2275-2283.
4. Battelino T, et al. *Diabetes Care* 2019; 42(8): 1593-1603.

\* Smart CGM predicts future high and low sensor glucose events up to 1 hour in advance and provides access to additional algorithms and insights that can inform users of clinically relevant glucose patterns. Please refer to IFU.

\*\* If CGM readings do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions. Refer to System User Guide

# Outcomes coming from one study with Guardian™ Connect

†† Compared to MDI (multiple daily injection) with isCGM (Intermittently Scanned CGM) and SMBG (Self-Blood Glucose Monitoring)