REAL benefits for your patients
and your practice

The Guardian® RT System delivers:

- **REAL *protection*** for your patients from high and low glycemic excursions.[1-4]
- **REAL *insight*** for your patients with REAL-Time readings of glucose values updated every five minutes, so they can intervene sooner for improved therapy management.[2-4]
- **REAL *security*** for your patients with REAL-Time alarms to warn against hypo- and hyperglycemia.
- **REAL *empowerment*** for your patients by enabling them to use their Guardian RT System as a diary showing how diet, exercise, medication, and lifestyle affect glycemic control.[1-3] Solutions® Software for Guardian makes downloading the data easy.
- **REAL *advantages*** for you to focus more on optimizing therapy and less on managing basic therapy adherence by enhancing patient understanding and self-management of glycemic control.[13]

THE Guardian® RT
CONTINUOUS GLUCOSE MONITORING SYSTEM

Leading the way to the first artificial pancreas

As the pioneer of both insulin pump therapy and continuous glucose monitoring, Medtronic Diabetes is the only company with the resources, advances and technological building blocks necessary to achieve an artificial pancreas. This has been our vision since the inception of the company more than 20 years ago.

Call 1-888-206-REAL or visit www.minimed.com/guardianrt for additional information.

Safety Information
Continuous Glucose Monitoring
Medtronic MiniMed Guardian RT Continuous Glucose Monitoring System
Patients should always discuss potential risks and benefits with a physician. Please review the product manual prior to use for detailed instructions and disclosure.

Prescription Device Warning
Caution: U.S. law restricts this device to sale by, or on the order of, a licensed physician.

Indications for Use
The Guardian RT Continuous Glucose Monitoring System is intended to continuously record interstitial glucose levels in persons 18 years and older who have Type 1 or Type 2 diabetes. This information is intended to supplement, not replace, blood glucose information obtained using standard home glucose-monitoring devices. The information collected by the Guardian RT Continuous Glucose Monitoring System may be downloaded and displayed on a computer and reviewed by healthcare professionals. This information may allow identification of patterns of glucose-level excursions above or below the desired range, facilitating therapy adjustments that may minimize these excursions.

Contraindications
Successful operation of the Guardian RT Continuous Glucose Monitoring System requires adequate vision and hearing. Use of the Guardian RT Continuous Glucose Monitoring System is not recommended for patients whose impaired vision or hearing does not allow full recognition of the monitor signals and alarms, or who do not have a caregiver that can perform this function for them.

Warnings/Precautions
The Guardian RT Continuous Glucose Monitoring System users should be educated to program and operate the monitor and respond to alarm conditions prior to attempted use of the system.

The current and voltage signals shown in the monitor are to be used only for finding potential problems with the Guardian RT Continuous Glucose Monitoring System and do not indicate the current glucose value. Infection and/or site irritation may result from improper insertion and maintenance of insertion site.

Read Chapter 2, "Inserting the Sensor," in your product manual, for proper preparation of site prior to insertion. Failure to follow instructions may result in pain or injury.

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Medtronic
Alleviating Pain · Restoring Health · Extending Life

REAL-Time glucose readings and alarms for reduced glucose variability[1-4]

THE Guardian® RT
CONTINUOUS GLUCOSE MONITORING SYSTEM

Medtronic
Alleviating Pain · Restoring Health · Extending Life

Now available to your patients:

Continuous glucose monitoring system with REAL-Time glucose readings and alarms

The Guardian® RT Continuous Glucose Monitoring System is the latest advance in diabetes management by Medtronic Diabetes, the 20-year pioneer of continuous glucose monitoring and insulin pump therapy. Medtronic Diabetes is the sensor expert and pioneered CGMS® System, the first FDA-approved continuous glucose monitoring system for physician use. Insights from the 3-day diagnostic system have been used by physicians in more than 150,000 patients worldwide to gain valuable insights into their glycemic control.[2-4]

Now Medtronic Diabetes proudly brings the benefits of continuous glucose monitoring directly to patients with the Guardian RT system. This new technology gives patients access to REAL-Time glucose readings and alarms, around the clock, so they can intervene in ways never before possible, reducing their glucose variability and achieving improved diabetes management.[2-5]

The Guardian RT system includes a continuous glucose sensor, radiofrequency transmitter, and the Guardian RT monitor to give your patients REAL-Time glucose information around the clock

REAL-Time Glucose Readings

are viewable at the push of a button. An updated glucose value is available every five minutes — 288 times per day — at work, during mealtime, when exercising and overnight, to help patients take action before they experience a problem. You can also view previous glucose values during the last 8 hours. Awareness of glucose variability is important because even brief fluctuations in glucose levels can lead to long-term diabetes complications like eye, nerve, kidney and heart disease.[6,7]

REAL-Time Alarms

warn patients of hypoglycemia and hyperglycemia, day or night, that may not be revealed by fingersticks alone and HbA1c testing.[5,6] Alarms can be preset to sound or vibrate. The sound volume of the alarms can also be adjusted to suit your patient's unique needs. Patient response to REAL-Time alarms resulted in a significant reduction in the duration of hypoglycemic excursions.[5]

REAL-Time system components help your patients manage their diabetes like never before

The Guardian RT Transmitter — Communicates wirelessly through radio frequency (RF) to the Guardian RT monitor

Continuous Glucose Sensor *provides REAL insights* — This tiny REAL-Time sensor inserts easily under the skin in a virtually painless process. It measures current glucose levels in interstitial fluid. The accuracy of continuous glucose monitoring is proven in numerous published studies.[8-10] Fingersticks are required prior to adjusting insulin delivery and when calibrating the glucose sensor.

The Guardian RT monitor *shows REAL-Time information around the clock* — Innovations include on-screen REAL-Time glucose readings and alarms to give patients meaningful insights into their glucose levels, enabling them to take control and improve their diabetes management.

Solutions® Software for Guardian — Using a special docking station known as the Com-Station™, you and your patients can easily download historical information from the Guardian RT system to a computer.

- **Generates Customizable Treatment Reports —** these reports show the effect of meals, exercise and medication on a patient's glycemic control
- **Includes Historical Trend Graphs —** Up to 21 days of information are available for downloading glucose trends to make it easier for you to optimize your patient's therapy

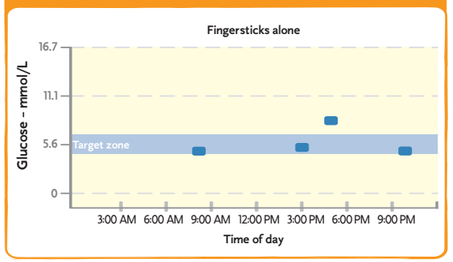
THE Guardian® RT
CONTINUOUS GLUCOSE MONITORING SYSTEM

Reduce glycemic variability and HbA1c levels
using continuous glucose monitoring vs. fingersticks alone

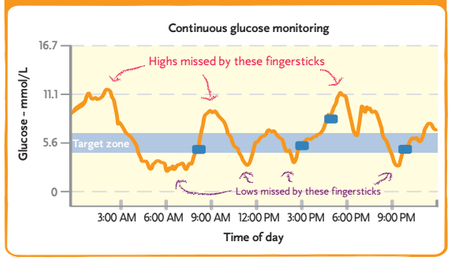
The revolutionary Guardian® RT system gives patients the benefits of continuous glucose monitoring in REAL-Time, around the clock. Continuous glucose monitoring is proven to improve patient outcomes versus fingersticks alone by reducing glycemic variability and HbA1c levels.[2-5]

More meaningful insights than fingersticks alone

Fingersticks taken 4 times only give you part of the picture*



Continuous glucose monitoring completes the picture



- **Measures glucose levels continuously:** Just as the systems of a human body monitors glucose levels to guide insulin release, continuous glucose monitoring measures glucose 24 hours a day giving patients meaningful insights to help guide therapy decisions
- HbA1c testing and fingersticks alone provide less meaningful insights because they do not monitor glucose levels continuously
  - — HbA1c testing is performed at a single point in time, once every 2 to 3 months and produces an average blood glucose level
  - — Fingersticks also measure glucose levels at a single point in time — patients test on average 4 to 5 times per day
- REAL-Time continuous glucose monitoring provides updated glucose readings every five minutes — up to 288 glucose measurements per day — to alert patients to take action sooner[2-5]

Better detects hypoglycemia and hyperglycemia for more proactive patient self-management

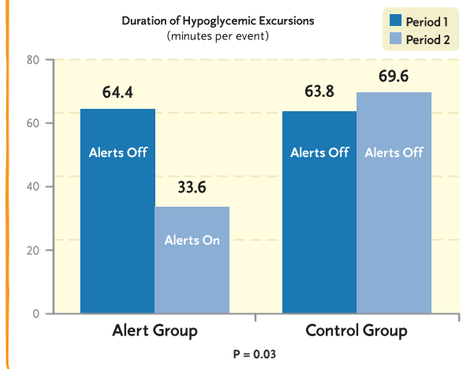
- **Identifies hidden variability:** Continuous glucose monitoring helps reveal dangerous glucose variability that may not be tracked by fingersticks alone and HbA1c testing[6]
  - — 60% of lows may not be revealed when using fingersticks alone.[9,11] HbA1c testing provides a 2 to 3 month average of glucose levels and isn't intended to track highs and lows[6]
  - — Continuous glucose monitoring identifies up to 4 times more glucose excursions requiring therapy adjustment versus fingersticks alone, so patients can intervene more quickly[3]

* Chart is illustrative of a patient taking 4 fingersticks in one day, at times shown.

Reduces HbA1cs and related complications

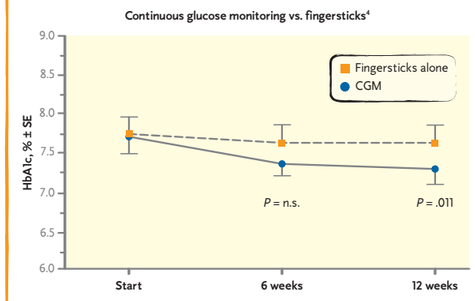
- **Reduces long-term diabetes complications:** Continuous glucose monitoring has been shown to help guide therapy adjustment leading to reductions in HbA1c levels versus the use of fingersticks alone[2-4]
  - — Each 1% reduction in HbA1c reduces the risk of long-term complications like eye, nerve, kidney and heart disease by 15% to 30%[7,12]

REAL-Time alarms helped reduce the duration of hypoglycemic excursions[10]



Patient response to REAL-Time alarms resulted in a 48% reduction in mean duration of hypoglycemic excursion, from 64.4 minutes to 33.6 minutes (P = 0.004).[5] Patients in the control group, without REAL-Time alarms, experienced no significant change

Continuous glucose monitoring reduces HbA1cs



By helping to reduce HbA1c levels, continuous glucose monitoring helps to reduce the risk of long-term complications and increase a patient's lifespan[7]

THE Guardian® RT
CONTINUOUS GLUCOSE MONITORING SYSTEM

More life-changing insights for your patients

More meaningful support for you

The knowledge and insights provided by the Guardian® RT system can dramatically improve the way your patients manage their diabetes to help them achieve optimal glycemic control. This life-changing technology is also easier for you to manage with the hands-on training and support provided by Medtronic Diabetes.

Motivates patients to improve self-management

- **Life-changing impact:** Continuous glucose monitoring insights can help educate and motivate diabetes patients, which can have a profound effect on a patient's attitude, self-management and way of living[13]
  - This means that you can focus more on helping patients to optimize their therapy and less on managing basic therapy adherence
- **For Type 1 and Type 2 diabetic patients:** The Guardian RT system is indicated for use in Type 1 and Type 2 diabetes patients who desire better glucose control to improve their health and quality of life

The Guardian RT system provides increased patient satisfaction and control[14]

In a pilot study of 16 people using the Guardian RT*:

94% used REAL-Time glucose readings and/or alarms to control glucose levels

81% reported greater satisfaction with their glucose control

75% adjusted their insulin delivery based on the REAL-Time readings

63% changed their diet based on the REAL-Time readings

31% made lifestyle changes based on the REAL-Time readings

**These study results are preliminary. A randomized, controlled, multi-center study has recently concluded and a study analysis is currently underway.*

"When he saw his own fluctuating blood glucose on the computer after having used the glucose sensor for three days, he suddenly seemed to understand. Insulin doses were adjusted, and he became more motivated to eat regular meals with better content. HbA1c decreased within a few months from 9.4% to 7.6%."

– Excerpt from a case study of an 18-year old diabetes patient motivated by continuous glucose monitoring to transform his poor self-management[13]

Medtronic Diabetes helps you and your patients get started on the Guardian RT system

The Guardian RT system is designed to be easy for patients to use. Plus, when you partner with Medtronic Diabetes you'll get the support you need before, during and after patients get started.

Simplify new patient starts

- **3-step CGM interpretation methodology** makes it easy for you to analyze continuous glucose monitoring information
  - Learn how to quickly review reports of the overnight, pre-prandial, and post-prandial periods to assess your patient's glucose control for optimal diabetes management
- **Helpful training and educational tools** familiarize you and your patients with the system and its use
- **Certified specialists** train your staff, which helps you to train your patients

To learn more about the 3-step CGM interpretation methodology contact your local Medtronic Diabetes representative

Rely on trusted customer support

- **24-hour Helpline** – available 24 hours a day, 365 days a year at absolutely no cost to patients. We're the only company to provide highly trained technicians who answer your call personally, unlike other companies that need to page professionals first
- **More support professionals and services** than any other diabetes technology company

THE Guardian® RT
CONTINUOUS GLUCOSE MONITORING SYSTEM