

# Medtronic Diabetes - the **proven leader** in continuous glucose monitoring

## We've mastered the **complex science** of continuous glucose monitoring



- Medtronic Diabetes has refined and perfected the art and science of continuous glucose monitoring (CGM).
- **Measuring glucose in the interstitial fluid is far more complex than measuring glucose in the blood with traditional blood glucose meters.**
- Medtronic Diabetes holds more U.S. patents on CGM products than any other company
- The only company with 6 FDA-approved CGM products
- Introduced the world's first insulin pump with continuous glucose monitoring
- The company best positioned to make the artificial pancreas a reality
- Invested more than \$250 million over the past 5 years—more than \$70 million last year alone—in research and development
- 1/2 million glucose sensors manufactured and sold worldwide

## We have more than a **decade** of **experience** with excellent clinical outcomes



- **Building on more than a decade of successful clinical experience, we continue to lead the industry in this important arena.**
- Medtronic CGM technology is validated in more than 200 clinical articles, abstracts, and published posters
- Medtronic CGM is proven in numerous studies to improve clinical outcomes as measured by reduced A1C<sup>4</sup>
- Studies show that Medtronic CGM technology can reduce the duration of hypoglycemic excursions by 48%<sup>5</sup>
- In a recent study, 50% of patients continuously using Medtronic CGM achieved a reduction in A1C levels of 1% or greater; 26% achieved a reduction of 2% or greater<sup>3</sup>



1999	2003	2004	2005	2006	2007
Introduced CGMS <sup>®</sup> System, the world's first professional CGM device	Introduced CGMS <sup>®</sup> System Gold™	Introduced Guardian <sup>®</sup> , our first FDA approved personal CGM device	Introduced Guardian <sup>®</sup> RT System, the first system to display continuously glucose monitoring values	Introduced MiniMed Paradigm <sup>®</sup> REAL-Time System, the first device integrating insulin pump and CGM technology	Introducing Guardian <sup>®</sup> REAL-Time Continuous Glucose Monitoring System, our greatest CGM product yet



**Medtronic**

## We give you and your patients the **best training** and **support** in the industry



- We provide comprehensive patient and physician services—and have trained thousands of patients and healthcare providers on CGM technology. No other company has this depth of experience or provides this level of support.
- An extensive pre- and post-follow-up customer assistance program is based on 20 years of patient and physician experience with minimally invasive technology such as CGM
- The most extensive network of field-based Certified Product Trainers and Clinical Specialists starts patients properly on CGM therapy
- Hundreds of CGM education classes are available nationwide
- Educational programs provide in depth, one-on-one training for patients and health care providers
- Highly specialized helpline staffed 24/7/365 by fully trained product experts provides personal, one-on-one support for CGM questions—without paging or long delays

## We lead industry efforts to ensure patient access to **new technologies**

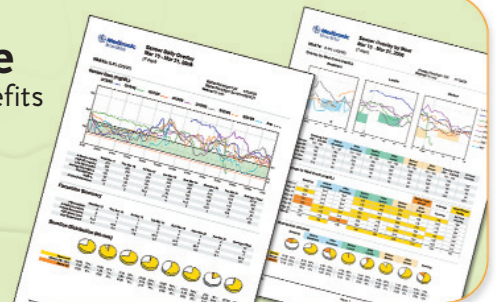


- Medtronic Diabetes is fully supported by its parent company Medtronic, Inc., the global leader in medical technology, with vast experience in securing reimbursement and improving therapy access for patients.
- A rich history of securing reimbursement for emerging technologies
- More than \$20 million invested to generate pivotal outcomes data required to obtain optimal reimbursement and help ensure affordable patient access to these critical technologies
- Working with regional and national authorities to develop and facilitate the establishment of crucial reimbursement for CGM and other diabetes-related technologies
- Leading the industry in establishing CGM as the standard of care



### CareLink™ Personal Software

The perfect tool to help you optimize the benefits of continuous glucose monitoring therapy by revealing previously undetected patterns and problems that meter software and logbooks would not uncover.



For more information, please visit [www.medtronic-diabetes.co.uk](http://www.medtronic-diabetes.co.uk)

**UK**  
Medtronic Limited  
Sherbourn House, Croxley Business Park,  
Watford, Hertfordshire WD18 8WW  
Tel: (01923) 212213, Fax: (01923) 241004  
Customer Services Tel: (01923) 205167  
Email: [medtronic-diabetes.uk@medtronic.com](mailto:medtronic-diabetes.uk@medtronic.com)  
[www.medtronic-diabetes.co.uk](http://www.medtronic-diabetes.co.uk)

**Ireland**  
Accu-Science (Ireland) Ltd  
Unit C3, M7 Business Park  
Newhall, Naas  
Co Kildare, Ireland  
Tel: +353 (0)45 882 600  
Fax: +353 (0)45 873 799  
Email: [pumpinfo@accuscience.ie](mailto:pumpinfo@accuscience.ie)

1. Kaufman FR, Gibson LC, Halvorson M, Carpenter S, Fisher LK, Pitukcheewanont P. A pilot study of the continuous glucose monitoring system: clinical decisions and glycemic control after its use in pediatric type 1 diabetic subjects. *Diabetes Care*. 2001;24(12):2030-2034.
2. Ludvigsson J, Hanas R. Continuous subcutaneous glucose monitoring improved metabolic control in pediatric patients with type 1 diabetes: a controlled crossover study. *Pediatrics*. 2003;111(5 pt 1):933-938.
3. Deiss D, Bolinder J, Rivelin J, et al. Improved glycemic control in poorly-controlled patients with type 1 diabetes using continuous glucose monitoring. *Diabetes Care*. In press.
4. Bode BW, Gross TM, Thornton KR, Mastrotoaro JJ. Continuous glucose monitoring used to adjust diabetes therapy improves glycosylated hemoglobin: a pilot study. *Diabetes Res Clin Pract*. 1999;46(3):183-190.
5. Bode B, Gross K, Rikalo N, et al. Alarms based on real-time sensor glucose values alert patients to hypo- and hyperglycemia: the Guardian Continuous Monitoring System. *Diabetes Technol Ther*. 2004;6(2):105-113.

©2007 Medtronic MiniMed, Inc. All rights reserved. CareLink is a trademark and CGMS, Guardian, and Paradigm are registered trademarks of Medtronic MiniMed, Inc. UC200803016 EE



**Medtronic**

Alleviating Pain · Restoring Health · Extending Life