



it thinks

MiniMed® 640G System[^]

A breakthrough in diabetes management that thinks¹ about how to protect your child from highs and lows and helps make daily care easier for you



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About your child's health

You can't always be with your child, but the MiniMed® 640G can.

Being the parent of a child with diabetes is a 24/7 responsibility. The MiniMed® 640G System[^] features technology that helps you help your child achieve better glucose control.

ADVANCED PROTECTION WITH SMARTGUARD™ TECHNOLOGY

Automatically suspends insulin delivery before your child goes low to help prevent serious hypoglycaemic events^{2,3}

24-HOUR GLUCOSE MONITORING WITH ENLITE™ SENSOR

Accurately⁴ and comfortably⁵ monitors glucose levels 24 hours a day, so you know where your child's glucose level is and where it is going

PRECISE INSULIN DELIVERY

Allows both basal and bolus insulin doses as fine as 0.025 units to help meet your child's sensitive insulin needs

BOLUS WIZARD™ CALCULATOR

Automatically determines the bolus amount your child needs⁶ to help prevent dosing mistakes

REMOTE CONTROL BOLUSING

Allows you to give a manual insulin dose from a few metres away and lets your child discreetly take insulin without interrupting daily activities



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About you

You have a lot to think about, and we can help.

We designed MiniMed® 640G with a lot of help from parents of children with diabetes. We've included features to help enhance diabetes management.

FRIENDLY TREATMENT REMINDERS

Helps your child even when you are not around to remind them to take insulin before lunch or check blood sugars⁷ before or after school activities

MEDTRONIC CARELINK® PERSONAL

Accurately records and organises your child's glucose levels online into a digital logbook and simple-to-read reports

PRE-SET BOLUS

Allows you to program an insulin dose that your child can easily access later and take with meals

CHILD SAFETY LOCK

Protects key functions with an access code to help prevent young children from accidentally giving themselves a bolus or changing settings

ACTIVE DESIGN

- Colour screen
- Scratch resistant
- Waterproof to 3.6 metres for 24 hours⁸
- Five expressive colour accents



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About your child's day

Now there's a predictable treatment for your child's unpredictable day.

Understanding your child's changing needs throughout the day takes time and effort. Now there's a system that can keep up.



Manage your child's diabetes with technology that thinks.
Talk to your doctor to get started.



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This information is designed to help you learn more about Diabetes therapy. It is intended to provide you with helpful information but is for information purposes only, is not medical advice and should not be used as an alternative to speaking with your doctor. Be sure to discuss questions specific to your health and treatments with a healthcare professional. For more information please speak to your healthcare professional or log on to: www.medtronic.com.au

References: [^]Components sold separately. Automated insulin delivery is made possible through combining Medtronic insulin pump and continuous glucose monitoring technology. *Please note:* In contacting the Diabetes Toll Free, personal and health information may be disclosed to an operator located outside Australia. **1.** "thinks" refers to the data retrieval, processing and computing capabilities found in the MiniMed® 640G insulin pump, continuous glucose monitoring system (Guardian™ 2 Link and Enlite™ sensor), Contour® Next LINK 2.4 blood glucose meter and Medtronic CareLink® therapy management software, both collectively and individually. This system and its computing capabilities are part of, but not replacement of, your daily diabetes management. **2.** Must be using Continuous Glucose Monitoring with Enlite™ sensor to enable the SmartGuard™ feature. Feature must be set to suspend before low. **3.** Bergenstal RM, et al. Threshold-based insulin-pump interruption for reduction of hypoglycemia. NEJM. 2013;369(3):224-232. **4.** MiniMed® 640G with Enlite™ has a MARD of 14.2 percent [Enlite Sensor Performance Report] when calibrated 3-4 times daily. **5.** U.S. Enlite Clinical Study Customer Satisfaction Survey. Data on file, Medtronic MiniMed, Inc., Northridge, CA. **6.** Calculation is based on the amount of insulin currently in the body, the amount of carbohydrates, the user's current and target blood sugar levels, their insulin-to-carb ratio and their body's sensitivity to insulin. Proper Bolus Wizard™ setup must be completed first. Users must input the number of carbohydrates they are eating and their current blood glucose value before the Bolus Wizard™ can calculate the insulin users should take. **7.** An alert can be set to remind at a pre-set time, for example prior to a scheduled activity. **8.** Waterproof at time of manufacture up to 3.6 metres for up to 24 hours at a time. See MiniMed® 640G User Guide for a complete description of the waterproof capabilities and proper use instructions. **9.** Section 7 clinical study. Data on File. Bayer HealthCare, LLC.

Safety Information: MiniMed® 640G Insulin Pump is indicated for the continuous delivery of insulin, at set and variable rates, for the management of diabetes mellitus in persons requiring insulin. In addition, the Enlite™ glucose sensor is indicated for continuous or periodic monitoring of glucose levels in the fluid under the skin, and possible low and high blood glucose episodes. The pump displays continuous glucose values and stores this data so that it can be analysed to track patterns and improve diabetes management. Pump history can be downloaded to a computer for analysis of historical glucose values. The continuous glucose values provided by the MiniMed® 640G insulin pump are not intended to be used directly for making therapy adjustments. Rather, they provide an indication that a confirmation fingerstick measurement may be required. All therapy adjustments should be based on measurements obtained using a home glucose monitor and not based on the value displayed by the pump. Please refer to the *MiniMed® 640G User Guide* for complete details.

Safety Information: Medtronic CareLink® software is intended to be used together with advice from a healthcare professional familiar with the diagnosis and treatment of diabetes. Do not make any changes to treatment without talking to a healthcare provider first.

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