

WOULD YOU LIKE MORE
CONFIDENCE IN YOUR CHILD'S
HYPOGLYCAEMIC CONTROL?

SMARTGUARD[®]. PROVIDES
PREDICTIVE PROTECTION^{1,2}



MINIMED[™] 640G
WITH SMARTGUARD[™]

Medtronic

DO YOU AND YOUR CHILD LOSE SLEEP WORRYING ABOUT HYPOGLYCAEMIA?



3 OUT OF **4**³

SEVERE
HYPOGLYCAEMIC
EVENTS FOR
CHILDREN OCCUR
AT NIGHT.

Z **Zzzzzz**
DISRUPTIVE
SLEEP AND TIREDNESS
DUE TO TESTING YOUR
CHILD'S GLUCOSE LEVELS
DURING THE NIGHT.



SEVERE
HYPOGLYCAEMIC
EVENTS IN YOUNG
CHILDREN HAVE
BEEN ASSOCIATED WITH
LONG-TERM
COGNITIVE IMPAIRMENT.⁴

"I dread night times.
You don't know what
is going on!"

FOR YOUR **PEACE OF MIND** AT BEDTIME

MiniMed 640G with SmartGuard delivers **advanced protection** from hypoglycaemia for your child

CAN HELP PREVENT SEVERE HYPOGLYCAEMIC EPISODES

SmartGuard will automatically stop insulin delivery when sensor glucose is predicted to approach a low limit.

CAN HELP AVOID HYPERGLYCAEMIC REBOUND

SmartGuard will resume insulin delivery when levels recover.

BETTER PROTECTION AGAINST LOWS

With SmartGuard you can set multiple low limits throughout the day and night.

"With SmartGuard we can get an undisturbed night's sleep when the CGM is used."

MINIMED 640G
WITH SMARTGUARD CAN
HELP PREVENT OVER

80%⁵

OF HYPOGLYCAEMIC
EVENTS WITHOUT
SIGNIFICANT INCREASE
IN HYPERGLYCAEMIA.



DO YOU FIND IT CHALLENGING TO MANAGE YOUR CHILD'S DIABETES **AT MEALTIMES AND AT SCHOOL?**

CARB COUNTING
IS UNDERESTIMATED BY
PARENTS FOR APPROXIMATELY



20%
OF MEALS.⁶



1 OUT OF **5**

PARENTS REGULARLY
GAVE LESS INSULIN AT
BREAKFAST FOR FEAR OF
HYPOGLYCAEMIC EVENTS
AT SCHOOL.⁷

CHILDREN WITH
TYPE 1 DIABETES
MISS ON AVERAGE

2 **WEEKS**
OF SCHOOL
PER YEAR.⁸



Concerns over insulin dosing and taking injections can take the enjoyment away from mealtimes.

FOR YOUR **PEACE OF MIND**

MiniMed 640G delivers **personalised convenience** for your child

EASY MEAL DOSING

The Bolus Wizard feature automatically calculates and recommends insulin doses[†], for meals so your child and their carer can manage insulin more conveniently and precisely.

AVOIDS TOO MUCH INSULIN

MiniMed pumps track and display insulin that is still in the body to help your child avoid taking more insulin than needed.

PERSONALISED SETTINGS

MiniMed 640G has tools to help match your child's insulin needs to their daily routine. You can set friendly reminders or personalised basal and bolus patterns. Adjustable audio options mean your child and teacher can be notified of alerts in a discrete manner.

"If he didn't have a sensor, I wouldn't bring him to daycare."

100%⁹

OF PARENTS AND CARERS
WOULD RECOMMEND
MINIMED 640G
TO OTHERS CARING FOR
A CHILD THAT IS NEW TO
INSULIN PUMP THERAPY.



DO YOU WORRY YOUR
CHILD IS MISSING OUT
ON A NORMAL CHILDHOOD?



PLAYTIME

IS ESSENTIAL TO YOUR
CHILD'S PHYSICAL
AND EMOTIONAL

WELLBEING.



FOOD



CAN IMPACT UPON YOUR
CHILD'S MOOD
AND HYPOGLYCAEMIA.



WHETHER IT IS
BIRTHDAY PARTIES,
SUMMER HOLIDAYS
OR SLEEPOVERS,
CHILDHOOD IS ALL ABOUT

HAVING FUN.

"We all just want
the best for our
children."

FOR YOUR PEACE OF MIND

MiniMed 640G offers **improved design** so your child can enjoy playtime

WATER PROOF DESIGN*

Lets your child enjoy water activities.

BOLUS REMOTELY**

Your child can easily and discreetly bolus for snacks with the CONTOUR™ NEXT LINK 2.4 meter.

FLEXIBILITY

Easy adjustment and pre-setting of insulin delivery for exercise and other childhood activities.

FEWER INJECTIONS VS. MDI

Change your pump tubing only once every two to three days.

FULL COLOUR SCREEN

Experience easy readability day and night with the full colour light adjusting display.



*Waterproof at time of manufacture up to 3.6 meters 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.

**When using the Contour NEXT Link 2.4 meter from Ascensia LTD.

88%⁹

OF CARE GIVERS OF CHILDREN WITH TYPE 1 DIABETES AGREED THAT **MINIMED 640G** GAVE THEM GREATER FREEDOM.



MINIMED™ 640G
WITH SMARTGUARD™ PROVIDES
PREDICTIVE PROTECTION^{1,2} FOR
CONFIDENCE IN YOUR CHILD'S
HYPOGLYCAEMIC CONTROL?

Talk to your healthcare professional today
for peace of mind on your child's diabetes.

ADVANCED
PROTECTION

PERSONALISED
CONVENIENCE

IMPROVED
DESIGN



¹Garg S, Brazg RL, Bailey TS, et al. *Diabetes Tech Ther.* 2012;14(3):205-209. ²Bergental RM, Klonoff DC, Garg SK, et al. *N Engl J Med.* 2013;369(3):224-232. ³Ahmet, A. *J Pediatrics.* 2011, 159:2, 297-302. ⁴Blasetti, A. *J Child Neurol.* 2011, 26:1383-1391. ⁵Choudhary P, Olsen B, Congel I et al. Hypoglycemia prevention and user acceptance of an insulin pump system with predictive low glucose management. Manuscript accepted by DTT 2016. ⁶Mehta, S. N. *Diabetes Care.* 2009, 32:1014-6. ⁷Sarnblad, S. *Pediatric Diabetes.* 2014, 15: 550-556. ⁸Glaab, L.A. *Diabetic Medicine.* 2005, 22 421-426. ⁹Medtronic Data on file December 2015.

[†]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 their current blood glucose value before the Bolus Wizard™ can calculate the insulin users.

UNITED KINGDOM

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Safety Information: MiniMed 640G

MiniMed™ 640G Insulin Pump system 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 pump system is indicated for continuous or periodic monitoring of glucose levels in the fluid under the skin, and possible low and high glucose episodes. When using a sensor and transmitter, the pump displays continuous glucose values and stores this data so that it can be analyzed to track patterns and improve diabetes management. Pump history can be downloaded to a computer for analysis of historical glucose values. The continuous sensor glucose values provided by the MiniMed™ 640G insulin pump system 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. For listings of indications, contraindications, precautions, warnings and parental adverse events, please refer to the instructions for use. MiniMed™ 640G, SmartGuard™, Bolus Wizard™, Guardian 2 Link and Enlite are Trademarks of Medtronic Inc. Bayer®, Bayer Cross® are trademarks of Bayer. Ascensia and CONTOUR are trademarks of Ascensia Diabetes Holdings AG.

Please visit www.medtronicdiabetes.com/importantsafetyinformation for complete details.

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