

The Medtronic Extended infusion set now commercially available, including use with the new Medtronic MiniMed™ 780G system

The first and only 7 Day wear infusion set now available with Medtronic's most advanced closed loop insulin pump.

Medtronic Canada is pleased to announce that Health Canada has added the Medtronic Extended infusion set — the first and only set that can be worn for up to 7 days — to the indications for use with the recently launched MiniMed™ 780G system, the first and only insulin pump system in Canada that can automatically adjust and correct sugars every 5 minutes.

An infusion set is the tubing and cannula that delivers insulin from the insulin pump to the body and typically requires a set change every two to three days. The Medtronic Extended infusion set, created in an exclusive partnership with Convatec Group*, is licensed for subcutaneous infusion of insulin in the management of diabetes mellitus, and is compatible with Medtronic MiniMed 630G, 670G, 770G, and now 780G insulin pumps.



This newly launched infusion set **doubles the length of time a set can be worn** so users can safely stay on insulin pump technology with fewer interruptions and insertions¹ while introducing enhanced convenience and comfort² to their diabetes management routine. Clinical study participants observed a 50% decrease in the number of set changes, as well as a reduction in set failures related to high glucose levels.^{3,4} This reduced number of set changes can lead to a 50% reduction of plastic waste,⁵ as well as an annual cost savings of insulin due to the reduction in unrecoverable insulin that can occur during site changes.⁶

"Being able to wear an infusion set for twice the wear time really helps with my freedom. It lets me go out to do the things that I love and not have to worry about carrying all the supplies that I used to," says Jaylen, a Medtronic Ambassador.**

The Medtronic Extended Wear infusion set is currently available from Medtronic Canada's Diabetes [e-shop](#), and will soon be available in pharmacies.

Learn more about the Medtronic Extended infusion set, visit [MedtronicDiabetes.ca](https://www.MedtronicDiabetes.ca).

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For more information, contact Roxane Belanger: roxane.belanger@medtronic.com

* The Medtronic Extended Infusion set is licensed to Unomedical A/S, a subsidiary of Convatec Group Plc.

** Ambassadors receive promotional items and educational material to use and share as they see fit. Opinions are based on the Ambassador's actual experience; individual results may vary.

(1) Zhang G, et al. Development of the Extended Infusion Set and Its Mechanism of Action. J Diabetes Sci Technol. 2022 Jul 25;19322968221112120. doi: 10.1177/19322968221112120. Epub ahead of print. PMID: 35876264.

(2) Zhang G, et al. 986-P - Assessment of adhesive patches for an extended wear infusion set. 80th ADA International Conference, June 2020.

(3) Brazg R, et al, Diabetes Technol Ther. 2022; Mar 24. doi: 10.1089/dia.2021.0540.

(4) Ilany J, et al. Abstract 416 - Clinical study of a new extended wear infusion set design. 13th ATTD International Conference. February 2020.

(5) Fusselman et al. The Extended Wear Infusion Set- A Design for Plastic Waste Reduction, Journal of Diabetes Science and Technology, 2021, 15 (3), 397–477.

(6) Kwa et al, The improved survival rate and cost-effectiveness of a 7-day continuous subcutaneous insulin infusion set, J Med Econ. Jan-Dec 2021 ;24(1):837-845.

<https://canadanews.medtronic.com/2023-05-29-The-Medtronic-Extended-infusion-set-now-commercially-available,-including-use-with-the-new-Medtronic-MiniMedTM-780G-system>