Gazing into the future. The next 100 years: the Medtronic perspective

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While it is difficult to predict the next 100 years of development, the current Medtronic product innovation pipeline is changing the lives of people with diabetes.

The MiniMed™ 780G system with Guardian™ 4 sensor and extended wear infusion set is the advanced hybrid closed-loop pump system currently available in the UK from Medtronic. It has been clinically proven to achieve >70% time in range and to lower HbA1c levels in people with diabetes. Medtronic continues to innovate in the hybrid closed-loop and insulin pump and sensor area. The company is developing new sensor technology and personalised closed-loop options for future patients.

Medtronic recognises that not all people with diabetes will want to use an insulin pump and therefore is launching a Smart MDI system for people looking for more from MDI therapy. The Smart MDI system brings together a collection of tools that provides real-time insights and comprehensive reports. These make it easier for people with diabetes to manage life on multiple daily injections. The system combines predictive glucose management with the Guardian™ 4 sensor, with no finger pricks and personalised high and low alerts up to 60 minutes in advance. Personalised insulin management with the inpen device allows informed insulin dosing with integrated real-time glucose data trends and shareable insight reports.

The Medtronic extended-wear infusion set is due to launch in the UK soon. It is focused on improving user experience. It is the only infusion set approved for longer wear (with a wear twice as long as standard infusion sets) without compromising comfort, safety or insulin delivery. This new set will also reduce traditional infusion set plastic waste by half.

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