

Dexcom response to Call for Evidence - Northern Ireland Neighbourhood Model of Care

For submission via email: neighbourhoodprogramme@health-ni.gov.uk

Overview

Dexcom CGM empowers healthcare professionals and patients in Northern Ireland with real-time glucose monitoring, enabling more informed clinical decisions and improved diabetes outcomes. By enhancing access to data-driven care, Dexcom CGMs helps build healthier communities and supports long-term health equity across the region.

Additionally, Dexcom CGMs through seamless integration with our connected insulin partners, also supports automated insulin delivery systems, helping patients and healthcare professionals achieve more precise glucose control.

The case study demonstrates the vital role of appropriate and integrated technology in supporting care of vulnerable patients and is a practical example of neighbourhood level join-up between services.

Case study

The below case study provides an example of how our sensors and connected partners (Dexcom G7 with Omnipod 5) supports the 5 aims for the new neighbourhood models of care. This case study spans across the NI Health and Social Care system including the local paediatric diabetes team, the residential care home, and Trust IT department.

- *Dexcom delivered ongoing education and support to the Northern Trust Paediatric team explaining the difference between different sensor options: Dexcom G7 and OP5 against Libre 2+ and OP5.*
- *A young boy in the Northern Trust was unfortunately moved back into residential care after a period of fostering. At the same time, he was having Bluetooth issues with Libre 2+ and OP5 (leading to poorer glucose control), and this was exacerbated as Libre 2+ data was not able to be shared with his residential care teams. There were also concerns around inappropriate internet access due to his age.*
- *The HCL system was changed to Dexcom G7 and OP5, to ensure data sharing and monitoring to the 2 different devices of his residential care teams (day and night teams). He then experienced less hybrid-closed loop (HCL) issues due to the reliability of Dexcom G7, less Bluetooth issues and therefore overall better glucose control.*
- *The child's phone was set up to ensure the Dexcom G7 app worked at all times to enable alerts and share and follow, (using focus or do not disturb settings) while access to the internet was appropriately limited for this young teen.*
- *Overall, this had led to improved health outcomes, greater patient and carer satisfaction, a reduced requirement for other parts of the healthcare system to provide care for this boy, and a more efficient use of resources.*
- *The paediatric team have greatly appreciated the support and advice Dexcom provided in this case, with multiple interactions with the DSNs to ensure G7 availability, ensuring their knowledge on how G7 would support the care required and advising them on how to optimise the phone settings to support this young teen's wellbeing.*

We would be pleased to provide further information or other details for inclusion in the compendium of neighbourhood practice.

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