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23 July 2024

Circular 010/24

**RE: Identification of preferred continuous glucose monitoring sensors**

Dear Doctor,

Please find enclosed a communication from Prof Michael Barry, National Clinical Lead, Medicines Management Programme in relation to the identification of preferred continuous glucose monitoring (CGM) sensors.

The HSE Medicines Management Programme (MMP) recommends Freestyle Libre 2 (Code 85581) and Dexcom ONE+ (Code 97636) as preferred CGM sensors (List A).

The MMP will continue to monitor expenditure of CGM sensors including the preferred products to ensure that efficiencies are fully realised. Further information can be found at [www.hse.ie/mmp](http://www.hse.ie/mmp).

Your cooperation with this important HSE initiative is appreciated.

Yours faithfully,

Shaun Flanagan  
Assistant National Director  
Primary Care Reimbursement Service

## Re: Identification of preferred continuous glucose monitoring sensors

19<sup>th</sup> July 2024

Dear Colleagues,

The Health Service Executive-Medicines Management Programme (HSE-MMP) has completed an evaluation to identify preferred continuous glucose monitoring (CGM) sensors with associated systems, as part of the MMP's remit to support safe, effective and cost-effective prescribing.

The evaluation process was undertaken in accordance with the *MMP roadmap for the identification of preferred continuous glucose monitoring sensor(s) with associated system(s)*, and included a consultation period for submissions from stakeholders. The evaluation report is available on the MMP website ([www.hse.ie/mmp](http://www.hse.ie/mmp)) in the section entitled *Glucose monitoring*.

The MMP recommends the following preferred CGM sensors (List A):

Preferred CGM sensors – List A		
CGM sensor	Reimbursement code	Pack size
Freestyle Libre 2	85581	1
Dexcom ONE+	97636	1

The MMP recommends that healthcare professionals should give due consideration to the use of a preferred CGM sensor with associated system, for people with diabetes\* requiring CGM who are not insulin pump users, when:

- First initiating CGM
- Continuing CGM upon review
- Changing CGM sensor with associated system

In 2023, total expenditure on CGM sensors under the Community Drug Schemes was approximately €55.7 million. Utilisation of preferred CGM sensors for appropriate patients will realise efficiencies in this area of expenditure. Given the significant financial challenges facing the health service, it is vital that the prescribing of CGM sensors is optimised. The MMP will continue to monitor the expenditure in this area and the uptake of the preferred CGM sensors to ensure that efficiencies are fully realised.

Please find enclosed a preferred CGM sensor poster outlining the preferred CGM sensors, notable features and other useful information about these products. Further information on the preferred CGM sensors is available on the MMP website ([www.hse.ie/mmp](http://www.hse.ie/mmp)) in the section entitled *Glucose monitoring*.

My thanks for your ongoing support in promoting safe, effective and cost-effective prescribing.

With best wishes,



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Professor Michael Barry, National Clinical Lead, Medicines Management Programme [www.hse.ie/mmp](http://www.hse.ie/mmp)

\*Reimbursement is supported in accordance with Primary Care Reimbursement Service circular 033/23 Continuous Glucose Monitoring (CGM) Reimbursement Application System.

The HSE-Medicines Management Programme (MMP) recommends a preferred CGM sensor with associated system from List A for people with diabetes\* requiring CGM who are not insulin pump users when:

- ✓ First initiating CGM
- ✓ Continuing CGM upon review
- ✓ Changing CGM sensor with associated system

Clinical judgement should be used when choosing a CGM sensor with associated system for a patient.

\*Reimbursement is supported in accordance with Primary Care Reimbursement Service circular 033/23 Continuous Glucose Monitoring (CGM) Reimbursement Application System.

## Preferred CGM sensors – List A:

- ✓ Freestyle Libre 2
- ✓ Dexcom ONE+

### List A - Preferred CGM sensor features

CGM Sensor	Freestyle Libre 2	Dexcom ONE+
Reimbursement code; pack size	85581; 1 pack	97636; 1 pack
Reimbursement price <sup>Y</sup>	€44.00	€31.62
Cost per day <sup>β</sup>	€3.14	€3.16
Sensor type	rtCGM*	rtCGM
Age requirement	4 years and older	2 years and older
Application site(s)	Back of upper arm	<u>2 to 6 years</u> : abdomen, upper buttocks, back of upper arm <u>7 years and older</u> : abdomen, back of upper arm
Lifespan of sensor	14 days	10 days (12 hour grace period)
Sensor warm up time	60 minutes	30 minutes
Capillary glucose calibration required	No	No
Separate transmitter required	No	No
Separate reader/receiver available	Yes	Yes
Smartphone application	Freestyle LibreLink App	Dexcom ONE+ App
Smartphone compatibility	<a href="https://www.diabetes.care.abbott/support/manuals/uk.html">https://www.diabetes.care.abbott/support/manuals/uk.html</a>	<a href="https://www.dexcom.com/en-IE/compatibility">https://www.dexcom.com/en-IE/compatibility</a>
Size	35 mm (D) × 5 mm (H) disk	27.4 mm (L) x 24.1 mm (W) x 4.7 mm (H)
High and low glucose alarms	Yes	Yes
Predictive low-glucose alarm	No	No
Insulin pump compatibility**	No	No
Data sharing with HCP	Yes - LibreView	Yes – Dexcom Clarity, Glooko
Data sharing with family/friends	Yes – LibreLinkUp App	Yes – Dexcom Follow App
Website	<a href="https://pro.freestyle.abbott/ie-en/home.html">https://pro.freestyle.abbott/ie-en/home.html</a>	<a href="https://ie.provider.dexcom.com/education-and-resources">https://ie.provider.dexcom.com/education-and-resources</a>
Email address	<a href="mailto:adchelpuk@abbott.com">adchelpuk@abbott.com</a>	<a href="mailto:ukie.orders@dexcom.com">ukie.orders@dexcom.com</a>

This table represents information submitted to the MMP by suppliers, and does not constitute a complete list of features of the devices. **Abbreviations:** App: application; D: diameter; H: height; HCP: healthcare professional; L: length; mm: millimeter; rtCGM: real-time continuous glucose monitoring; W: width. <sup>Y</sup>Reimbursement price correct as of 01/07/2024.

<sup>β</sup>Assumes each sensor is worn for the maximum wear time. Based on the reimbursement price, exclusive of pharmacy fees and value added tax; \*When Freestyle LibreLink App on a smartphone is used (intermittently scanned continuous glucose monitoring (isCGM) when the reader is used as the display device); \*\*Insulin pump compatibility refers to continuous subcutaneous insulin infusion and/or hybrid closed loop systems. A CGM sensor from List B may be required for compatibility with insulin pumps.

## Preferred CGM sensors – List A:

- ✓ Freestyle Libre 2
- ✓ Dexcom ONE+

## Practice points for preferred CGM sensors

- ✓ Advise patients on resources available with information about their CGM sensors:
  - **Freestyle Libre 2 (Abbott Diabetes Care):** [www.freestyle.abbott/ie-en](http://www.freestyle.abbott/ie-en)
  - **Dexcom ONE+ (Dexcom):** [www.dexcom.com/en-ie](http://www.dexcom.com/en-ie)
- ✓ Advise patients to rotate the application site of the CGM sensor to avoid irritation and discomfort.
- ✓ All List A CGM sensors can be used while swimming, showering or taking a bath (see evaluation report for further details).

## Replacement sensors

If replacement sensors are required, patients should be advised to contact the individual companies:

- **Freestyle Libre 2 (Abbott Diabetes Care):** 1800 776 633 open from 8 am to 8 pm Monday to Friday and from 9 am to 5 pm on Saturdays
- **Dexcom ONE+ (Dexcom):** 1800 827 603 open Monday to Friday from 7 am to 6 pm and Saturday and Sunday from 8:30 am to 4:30 pm

## Concomitant self-monitoring of blood glucose with blood glucose test strips

- ✓ Review requirement for self-monitoring of blood glucose (SMBG) with blood glucose test strips (BGTS) and associated meters while also using a CGM sensor.
- ✓ If prescribing BGTS, due consideration should be given to the MMP’s preferred BGTS list and aim to use to the lowest cost preferred BGTS that suits individual requirements.
- ✓ Further information on the MMP’s preferred BGTS list is available at: <https://www.hse.ie/eng/about/who/cspd/medicines-management/glucose-monitoring/blood-glucose-test-strips/>

## Non-preferred CGM sensors - List B

- The MMP recommends a preferred CGM sensor with associated system from **List A** (see previous page) for people with diabetes\* requiring CGM who are not insulin pump users.
- CGM sensors with associated systems from List B are not routinely recommended by the MMP in the absence of clinical justification (e.g. patient is an insulin pump user).
- Patients currently in receipt of a List B CGM sensor should be considered for switching to a preferred CGM sensor from List A, unless there is clinical justification for continued use of a CGM sensor from List B.

\*Reimbursement is supported in accordance with Primary Care Reimbursement Service circular 033/23 Continuous Glucose Monitoring (CGM) Reimbursement Application System.

Clinical judgement should be used when choosing a CGM sensor with associated system for a patient.

Non-preferred CGM sensor (reimbursement code[s])	Cost per day <sup>‡</sup> €	Insulin pump compatibility**
Freestyle Libre (86900*)	3.21	No
Dexcom G6 (97628, 97629)	6.80	Yes
Dexcom G7 (97631)	6.80	Yes
Medtronic Guardian™ Sensor 4 MMT-7040C1 (97645)	7.07	Yes
Medtronic Guardian™ Sensor 4 MMT-7040QC1 (97671)	7.07	No
Medtronic Guardian™ Sensor 3 MMT-7020C1 (97680)	7.07	Yes
GlucRx Aidex™ (85241)	2.52	No

This table represents information submitted to the MMP by suppliers.

<sup>‡</sup>Does not account for higher quantities, which may be required due to the available pack size. Assumes each sensor is worn for the maximum wear time. Based on the reimbursement price, exclusive of pharmacy fees and value added tax. Reimbursement price correct as of 01/07/2024; \*Administrative code; \*\*Insulin pump compatibility refers to continuous subcutaneous insulin infusion and/or hybrid closed loop systems