



Preferred Continuous Glucose Monitoring (CGM) Sensors



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 ^Y	€44.00	€31.62
Cost per day ^ß	€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	https://www.diabetes.care.abbott/support/manuals/uk.html	https://www.dexcom.com/en-IE/compatibility
Size	35 mm (D) x 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	https://pro.freestyle.abbott/ie-en/home.html	https://ie.provider.dexcom.com/education-and-resources
Email address	adchelpuk@abbott.com	ukie.orders@dexcom.com

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. ^YReimbursement price correct as of 01/07/2024.

^ßAssumes 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
 - **Dexcom ONE+ (Dexcom):** 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 [‡] €	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.

[‡]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