B-QuiCK: Continuous glucose monitors

Summary of the most common CGMs available in New Zealand as of November, 2026.

Features	Standalone				Interoperable		
	Dexcom ONE+ (NZMS)	**FreeStyle Libre 2 Plus** (Mediray)	**LinX CGM** (Intuitive Therapeutics)	**CareSens Air** (Pharmaco)	**Dexcom G6*** (NZMS)	**Dexcom G7** (NZMS)	**FreeStyle Libre 3 Plus** (Mediray)
							
Sensor life	10 days + 12 hour grace period	15 days	15 days	15 days	10 days	10 days + 12 hour grace period	15 days
Accuracy in adults (mean absolute relative difference; MARD)†	~8%	~8%	~9%	~9%	~9 – 10%	~8%	~8%
Warm up period	30 minutes	60 minutes	60 minutes	30 minutes	Two hours	30 minutes	60 minutes
Sensor size	27 mm (L) x 24 mm (W) x 4.7 (H)	35 mm (diameter) x 5 mm (H)	22 mm (diameter) x 4.2 mm (H)	35 mm (L) x 19 mm (W) x 5 mm (H)	47.5 mm (L) x 30.5 mm (W) x 15.2 mm (H)	27.4 mm (L) x 24.1 mm (W) x 4.7 mm (H)	21 mm (diameter) x 2.9 mm (H)
Indication	Indicated for people aged two years and over and during pregnancy	Indicated for people aged two years and over and during pregnancy	Indicated for people aged 18 years and over	Indicated for people aged 18 years and over	Indicated for people aged two years and over and during pregnancy	Indicated for people aged two years and over and during pregnancy	Indicated for people aged two years and over and during pregnancy
Sensor placement	Back of upper arm or abdomen	Back of upper arm	Back of upper arm or abdomen	Back of upper arm	Back of upper arm or abdomen	Back of upper arm or abdomen	Back of upper arm
Glucose reading frequency	Every five minutes	Every minute	Every minute	Every five minutes	Every five minutes	Every five minutes	Every minute
Water resistance (depth and time)	2.4 m for up to 24 hours	1 m for 30 minutes	1 m for 30 minutes	1 m for 24 hours	2.4 m for up to 24 hours	2.4 m for up to 24 hours	1 m for 30 minutes
Interactions	Hydroxyurea	High-dose vitamin C	Hydroxyurea and high-dose vitamin C	High-dose vitamin C	Hydroxyurea	Hydroxyurea	High-dose vitamin C
Phone app and reader/ receiver availability	Dexcom ONE+ app A Dexcom ONE+ Receiver is available free of charge for some people without a smartphone who are eligible for a funded CGM	LibreLink or Libre app A Libre 2 Reader is available free of charge for some people without a smartphone who are eligible for a funded CGM	LinX CGM app	CareSens Air app	Dexcom G6 app Separate reader device can be purchased for people without a smartphone Readings may also be displayed on the insulin pump or insulin pump app	Dexcom G7 app Separate reader device can be purchased for people without a smartphone Readings may also be displayed on the insulin pump or insulin pump app	Libre app Readings may also be displayed on the insulin pump or insulin pump app

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	Dexcom ONE+ (NZMS)	**FreeStyle Libre 2 Plus** (Mediray)	**LinX CGM** (Intuitive Therapeutics)	**CareSens Air** (Pharmaco)	**Dexcom G6*** (NZMS)	**Dexcom G7** (NZMS)	**FreeStyle Libre 3 Plus** (Mediray)
Data sharing	With others via Dexcom ONE+ app and Dexcom Follow app With healthcare providers via Dexcom Clarity	With others via FreeStyle LibreLink app and LibreLinkUp app With healthcare providers via LibreView	With others via LinX CGM app With healthcare providers via Pancares	With others via Caresens 365 app With healthcare providers via Sens 365	With others via Dexcom Follow or some insulin pump apps With healthcare providers via Dexcom Clarity or Glooko	With others via Dexcom Follow With healthcare providers via Dexcom Clarity or Glooko	With others via CamAPS Fx app With healthcare providers via CamAPS Fx app or Glooko
Bluetooth range	Ten metres (or six metres if using a receiver)	Six metres	8 – 10 metres	Six metres	Six metres	Ten metres	Ten metres
Sensor memory (when out of range)	Up to 24 hours	Up to eight hours	15 days	12 hours	Up to three hours	Up to 24 hours	Up to 15 days, depending on the device the sensor is paired with
Alarm functionality	High and low glucose alerts, signal loss	High and low glucose alerts, signal loss	Very high, high, low, urgent low, rapidly changing glucose alerts, signal loss	High, low, very low, rapidly changing glucose alerts, signal loss, remaining sensor life	High, low, urgent low soon, urgent low glucose alerts, rise rate, fall rate, signal loss	High, low, predictive urgent low soon, urgent low glucose alerts, rise rate, fall rate, signal loss, silent mode	High, low, urgent low glucose alerts, signal loss, silent mode
Funding	Yes: SA2538	Yes: SA2538	No	No	Yes: SA2537	Yes: SA2537	Yes: SA2537
Approximate cost per sensor if self-funding‡	$78/10 days $7.80 per day	$114/15 days $7.60 per day	$75/15 days $5 per day	$60/15 days $4 per day	$127/10 days $12.70 per day	$127/10 days $12.70 per day	N/a
Other	Adhesive over-patches supplied User guide	Adhesive over-patches not usually required but are available to purchase User guide	Adhesive over-patches supplied User guide	Adhesive over-patches supplied User guide	Adhesive over-patches supplied User guide	Adhesive over-patches supplied User guide	Adhesive over-patches not usually required but are available to purchase User guide

* The Dexcom G6 CGM is being discontinued and will no longer be funded in New Zealand from early 2027.[21] Prescribers should ensure that no new patients are started on the Dexcom G6 and begin transitioning patients currently using this model to an alternative funded interoperable CGM.

† MARD is the difference of the CGM reading from the reference or standard of care measurement; a lower MARD indicates greater accuracy

‡ Excluding shipping. Some suppliers offer packs with multiple sensors or subscription options that reduce the cost per sensor. The approximate costs shown here are based on the purchase of a single sensor.

Australian and New Zealand CGM (anzCGM) minimum standard recommendations have been developed. These propose minimum standards of accuracy and precision for CGM devices. View the standards to determine which CGM models available in New Zealand meet the minimum quality standards: view here.

B-QuiCK provides short clinical summaries from some of the full articles available on our website. Relevant sections from these resources have been condensed into "notepad pages" or algorithms designed to offer rapid access to practical clinical advice and knowledge. It is strongly recommended to review the original resource at your convenience for full details of recommendations and evidence. See full article here: bpac.org.nz/2026/cgm.aspx

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