

Comparison of Integrated Continuous Glucose Monitoring (iCGM) Systems



*Last updated February 15, 2023

FEATURES	Dexcom G7 ¹	Abbott Libre 3 ²	Dexcom G6 ³	Abbott Libre 2 ⁴
iCGM status	Yes	Yes *Not currently approved for use in AID systems	Yes	Yes *Not currently approved for use in AID systems
Vitamin C interference	No	Yes	No	Yes
CGM data mode	Real-Time	Real-Time	Real-Time	Intermittent Scan
Age indication (years)	2+	4+	2+	4+
Wear time	10.5 days	14 days	10 days	14 days
Grace period between sessions	12 hours	None	None	None
Warm-up time	30 minutes	1 hour	2 hours	1 hour
Ability to make treatment decisions during the first 12 hours of wear	Yes	No	Yes	No
Overall MARD	8.2%	8.9%	9.0%	9.2%
Data transmission frequency	Every 5 minutes	Every 1 minute	Every 5 minutes	No automatic transmission, must scan
Predictive low alert	Yes (20 minutes)	No	Yes (20 minutes)	No
Delay 1st high alert	Yes	No	No	No
Optional user calibration	Yes	No	Yes	No
FEATURES	Dexcom G7 ¹	Abbott Libre 3 ²	Dexcom G6 ³	Abbott Libre 2 ⁴
Transmitter	Disposable	Disposable	Reusable	Disposable
Flexibility of dedicated receiver option	Yes	No	Yes	Yes
Sensor placement	Back of upper arm for ages 2+ and upper buttocks for ages 2-6 y/o	Back of upper arm	Abdomen and upper buttocks (peds 2-17)	Back of upper arm
Operating system compatibility	iOS & Android	iOS & Android	iOS & Android	iOS & Android
Data visualization platform	Dexcom Clarity (AGP compatible) & Dexcom Follow	LibreView (AGP compatible) & LibreLinkUp	Dexcom Clarity (AGP compatible) & Dexcom Follow	LibreView (AGP compatible) & LibreLinkUp
Two simultaneous bluetooth connections	Yes	No	Yes	No
Distribution channels	<ul style="list-style-type: none"> Retail Pharmacy DME 	<ul style="list-style-type: none"> Retail Pharmacy DME 	<ul style="list-style-type: none"> Retail Pharmacy DME 	<ul style="list-style-type: none"> Retail Pharmacy DME
Medicare reimbursement	Yes	No	Yes	Yes
Cleared for use during pregnancy	Yes	No	No	No
Insulin pump compatibility	Partner integrations pending	No	<ul style="list-style-type: none"> Tandem t:slim with Control IQ Tandem t:slim with Basal IQ Omnipod 5 	No

1. Dexcom G7 CGM System User Guide, 2022.
2. Abbott FreeStyle Libre 3 User Guide, 2022.
3. Dexcom G6 CGM System User Guide, 2018.
4. Abbott FreeStyle Libre 2 User Guide, 2020.