

CGM Technologies

Whether novice or expert come leaner with us about continuous glucose monitor technologies. We will review the most used CGM technologies. Discuss selection and troubleshooting CGM for the individual patient. Analyze the components of a CGM report.

	Dexcom G7	Freestyle Libre 3
All in one device-Sensor/transmitter	Yes	Yes
Application	One device-depress device to arm and push button	One device-depress device to arm
Approved for use	Back of upper arm 2yrs + Upper buttock 2-6 yrs	Back of upper arm 4yrs +
Warm up period	~30 minutes starts as soon as button is pressed	60 minutes
Wear time	10 days + 12 hours	14 days
Durability	Overlay patch provided	
Accuracy -interstitial fluid testing	MARD 8.2/ 8.1 adult/child	MARD 7.9
Distance-connection to phone	20 ft range	33 ft range (Bluetooth distance)
Frequency-connection to phone	Every 5 minutes	Every minute
Reader/Receiver Availability (if patient phone is not compatble with sensor)	Yes	Yes
Water resistance	8ft. for 24 hours	3 ft. for 30 minutes
Connection with other devices	Apple Watch Insulin pumps-Tandem	Pumps FDA approved-not commercially available Watch-will send notification no app
Web application	Clarity	LibreView LibreLink up
Customer support	1-888-738-3646	1-855-632-8658
Cost-cash price	\$\$\$\$\$	\$\$\$

Resource:
CGM Playbook (adces.org)