A Continuous Glucose Monitoring (CGM) System is a prescription device that provides continuous, real-time, dynamic blood glucose measurements throughout the day and night.

CGM systems have three basic parts: a sensor (inserted under the skin to measure glucose levels), a transmitter (connects to sensor and sends data via wireless technology), and a display device (a commercially-available receiver/monitor or a compatible smart device with a downloaded app to display/store results). Some systems only have two main parts: a sensor (measures and transmits) and a reader (receives and displays readings from the sensor) or a recorder (collects and stores data from the sensor). CGMs can be used for patients on insulin injections or insulin pump therapy for Type 1 or Type 2 diabetes. They are available either for personal use or for diagnostic use* by healthcare professionals (to continuously record glucose readings and aid with patient's glucose management).

CONTINUOUS GLUCOSE MONITORING SYSTEMS (Part 1 of 2)

CGM systems must be removed before Magnetic Resonance Imaging (MRI) and Computed Tomography (CT) procedures, diathermy treatments, and X-ray procedures. They should be avoided in pregnant, dialysis or critically-ill patients.

	-	-							
CGMS		Glucose range (mg/dL)		Sensor insertion sites		Transmitter	Calibration ²	Display device	Features
ABBOTT LABS • myfreestyle.com									
FreeStyle Libre 2	≥4yrs			Back of upper arm		_		reader ³ or own	Designed to replace fingerstick testing (use blood glucose meter as backup) to make treatment decisions based on sensor glucose readings Outstanding accuracy in the low-glucose range Optional, real-time alarms for low or high glucose readings (sensor and reader must be within 20 feet)

 Real-time glucose readings only with a sensor scan • Reader stores up to 90 days of glucose data • Works with Freestyle Libre software and FreeStyle LibreLink app False elevation with vitamin C

40-400 : 14 Own • Designed to replace fingerstick testing (use blood glucose meter as ≥4yrs : Sensor Back of None backup) to make treatment decisions based on sensor glucose readings upper arm smart device7 Eliminates need for separate reader Real-time glucose readings automatically displayed every minute on

FreeStyle Libre 3 smart device Glucose readings stored in app every 5mins for up to 14 days • Works with FreeStyle Libre 3 app • False elevation with vitamin C FreeStyle

≥18vrs : 40–500 : Sensor. Back of : 14 None Handheld: • Designed to replace fingerstick testing (use blood glucose meter as reader upper arm reader3

Libre 14 backup) to make treatment decisions based on sensor glucose readings or own Real-time glucose readings only with a sensor scan smart Reader stores up to 90 days of glucose data device7 Works with FreeStyle Libre software and FreeStyle LibreLink app Automatic data upload to LibreView for easy physician access

Day and has option for wireless data sharing • False elevation with vitamin C and reduction with salicylic acid ≥18yrs 40–500 Sensor, : 14 Back of None Handheld • For use by healthcare professionals only

FreeStyle Libre Pro reader4 • Does not provide real-time results (patient must use blood reader upper arm

1-2 times

dailv8

Own

smart

device7

12mos

up to

(reusable):

24.9 feet

ASCENSIA DIABETES CARE • ascensiadiabetes.com : 40-400 : Sensor,

transmitter

Upper arm: 180

Eversense :≥18yrs

glucose meter)

with provider

glucose readings

Provides patterns & trends

· False reduction with tetracyclines

· Readings are only made available to patients through consultation

Sensor stores glucose readings every 15mins for up to 14 days

• False elevation with vitamin C and reduction with salicylic acid

meter as backup) to make treatment decisions based on sensor

Customizable alerts and notifications including on-body vibe alerts

(continued)

Designed to replace fingerstick testing (use blood glucose

· Provides long-term (up to 6mos) continuous monitoring via under-the-skin-sensor (implanted by healthcare provider) Removable, water-resistant & rechargeable transmitter. Adhesive

 Works with Eversense Data Management Software Program • Works with Eversense NOW app for remote monitoring capability

• Detects glucose trends and tracks patterns Works with FreeStyle Libre Pro software

patch on transmitter must be changed daily

40-400 : Sensor, Abdomen : 10 ≥2vrs None⁹ Designed to replace fingerstick testing (use blood glucose Dexcom 3mos Receiver transmitter. (≥2yrs), (reusable): or own meter as backup) to make treatment decisions based on sensor up to 20 feet receiver upper smart alucose readings unobstructed device5,7 Slim wearable profile and one-button sensor insertion buttocks (2-17vrs) Customizable alerts based on personal schedule 20-min advance warning of a potential severe hypoglycemic event • Sensor sends a reading every 5mins for up to 10 days.

CONTINUOUS GLUCOSE MONITORING SYSTEMS (Part 2 of 2)

Calibration² device

Display

or own

device7

Own

smart

device7

computer⁶

Features

≥2yrs 40-400 : Sensor. Abdomen : 10 One-time use; None Handheld Dexcom G6 Pro* transmitter, : (≥2yrs), up to 20 feet reader reader unobstructed upper buttocks smart

(2-17yrs)

Abdomen, : 7

Abdomen : 6

² Calibrate CGM system with glucose readings from a commercially-available blood glucose meter. ³ With built-in blood-glucose meter that works with FreeStyle Precision Neo test strips. ⁴ Reader or recorder is intended for use to gather data from sensors from multiple patients.

⁵ Does not work with multiple smart devices at the same time; not interchangeable during a sensor session.

⁹ Calibration is not required, but a patient may choose to manually calibrate once every 24hrs if desired. Not an inclusive list of medical devices. Please see company websites for detailed product information.

back of

Sensor

sites

insertion

Sensor life1

Transmitter

122 times

or 12mos.

up to 20 feet

unobstructed

3-4 times

4 times daily: Own

daily

8 After the initialization phase, 2 daily calibrations (every 12hrs) are needed for at least 21 days. After the first 21 days, the system will detect and alert user if 1 (every 24hrs)

(days) life/range

 Stores glucose readings every 5mins for up to 10 days • Real-time alerts for high and low glucose readings (unblinded mode) • Works with Dexcom CLARITY reporting system • False elevation with hydroxyurea and acetaminophen (>4q/24hrs)

Share system (data transfer to a follower)

• For use by healthcare professionals

owned reader (blinded)

treatment decisions

Customizable alerts

• False elevation with acetaminophen

• False elevation with acetaminophen

For use by healthcare professionals only

(does not replace a blood glucose meter)

• Recorder⁴ can be used 60 times; discard afterwards

Connect app

• Works with Dexcom CLARITY reporting system and Dexcom

Available in 2 modes: real-time readings available to patient

• Designed to complement standard home glucose monitoring

Real-time glucose readings and trends through a Guardian

• Designed to complement standard glucose monitoring devices

• Does not provide real-time results (must use blood glucose meter)

• Patient must return to clinic within 10 days of the end of the session Works with CareLink iPro Therapy Management software

(Rev 1/2023)

systems (does not replace a blood glucose meter); do not use for

via own smart device (unblinded) and readings sent to clinic-

• One-touch single-use sensor and single-use, disposable transmitter

False elevation with hydroxyurea and acetaminophen (>4a/24hrs)

whichever upper arm comes first (reusable);

recorder4,

docking

system

¹ Sensors are single-use only; do not reuse or use beyond its sensor life.

⁷ For a complete list of compatible smart devices, see full product information.

⁶ Results displayed via a software in the computer.

or 2 (every 12hrs) daily calibrations are needed.

transmitter

40-400 : Sensor.

40-400 Sensor,

MEDTRONIC • medtronic.com

14-

75yrs

Guardian

Connect

iPro2*

NOTES

Glucose

(mg/dL) Parts

range

Age

DEXCOM • dexcom.com

CGMS

G6