



MORE PATIENTS CAN DO IT WITHOUT LANCETS¹



Primary Care Education

The FreeStyle Libre 2 system delivers clinical benefits for a broad range of patients.



Images are for illustrative purposes only. Not actual patient or data.
1. Scanning the sensor does not require lancets.
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FreeStyle Libre 2 System Overview

What is the FreeStyle Libre 2 system?

The FreeStyle Libre 2 flash glucose monitoring system comprises of a sensor and a smartphone app, or reader. It measures glucose levels without the need for finger pricks¹ and has optional alarms to alert patients when their glucose is too high or too low.

The FreeStyle Libre 2 system is clinically accurate for up to 14 days, with excellent accuracy in low glucose range where it matters most.^{2,3}

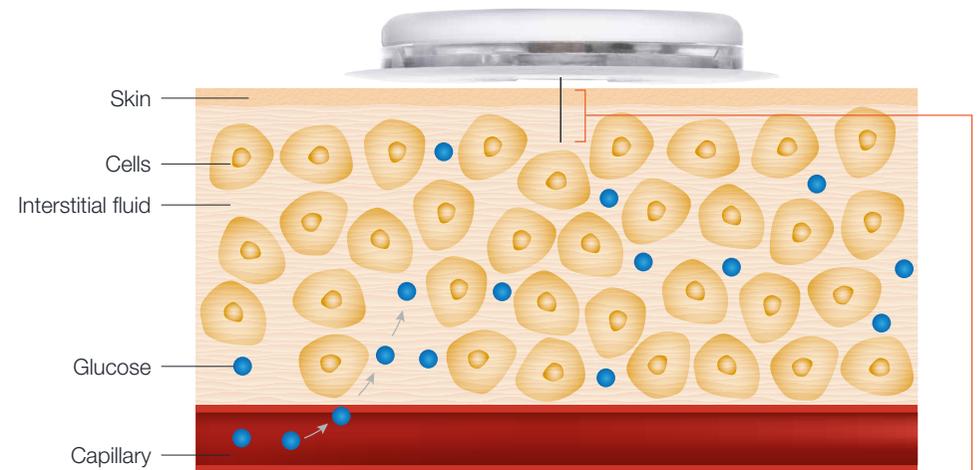


How does the FreeStyle Libre 2 flash glucose monitoring system work?

The FreeStyle Libre 2 system measures interstitial fluid: A thin (0.4mm), sterile fibre within the sensor penetrates the skin to a depth of 5mm into the interstitial fluid, where glucose levels are automatically measured every minute and stored at 15-minute intervals. The sensor must be scanned every 8 hours to provide a complete glycaemic profile.

Interstitial Glucose vs Blood Glucose

Blood glucose and sensor glucose are closely related but not identical. The glucose measured by the FreeStyle Libre 2 system has made its way from the blood into the interstitial fluid under the skin of the upper arm. This takes a little time and so the sensor glucose reading may lag behind a finger prick blood glucose reading by about 2.1 minutes for children and about 2.4 minutes for adults.²



The sensor filament is less than 0.4 millimetres thick and is inserted 5 millimetres under the skin surface

Images are for illustrative purposes only. Not actual patient data.

1. Finger pricks are required if your glucose readings and alarms do not match symptoms or expectations. **2.** Alva S, et al. Accuracy of a 14-Day Factory-Calibrated Continuous Glucose Monitoring System With Advanced Algorithm in Pediatric and Adult Population With Diabetes. *Journal of Diabetes Science and Technology*. September 2020. doi:10.1177/1932296820958754. **3.** Data on file, Abbott Diabetes Care, Inc.

Time in Range and Real World Data

New international consensus sets clear targets for Time in Ranges^{1,2}

Recommended Time in Ranges for all T1D, T2D, non-pregnant adults regardless of insulin therapy.²

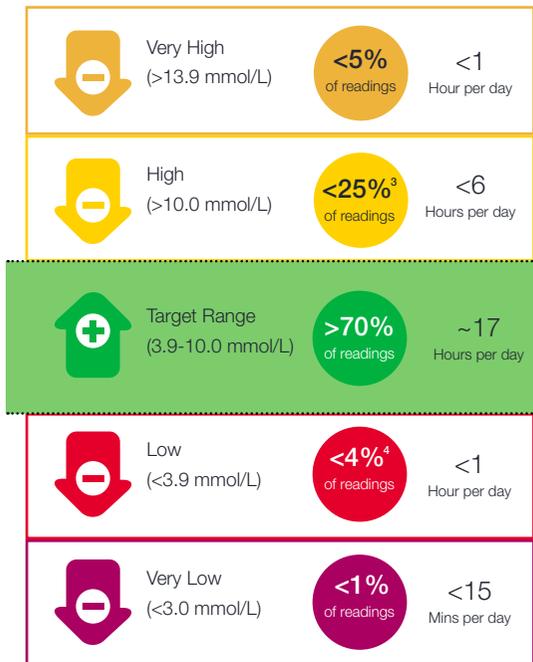


Table adapted from Battelino et al, Clinical targets for continuous glucose monitoring data interpretation, recommendations from the international consensus on Time in Range.

For age <25 years, if A1c is 7.5%, Time in Range target is 60%.

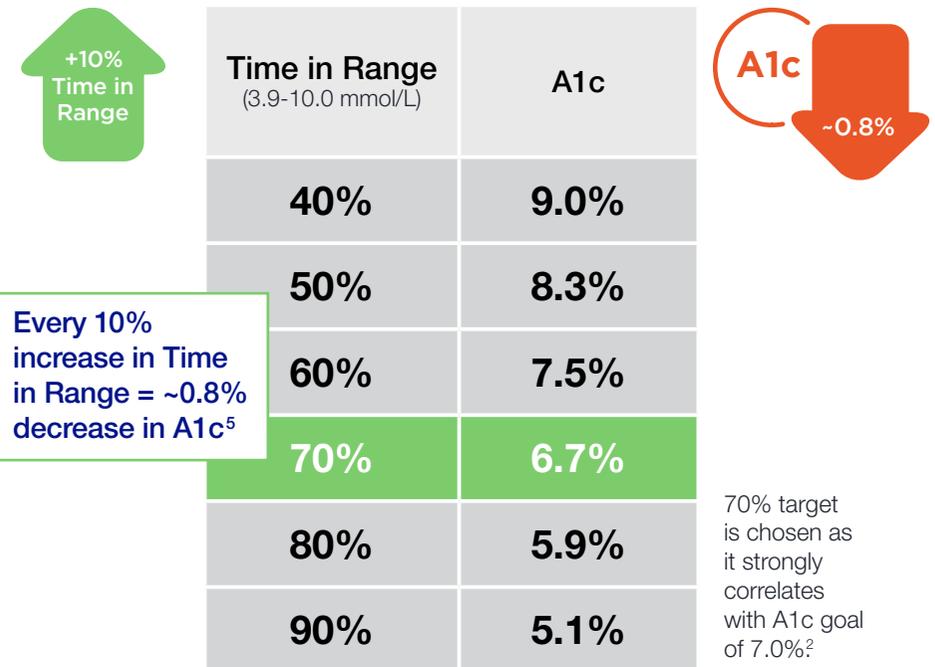
For older/high risk: >50% of time/day in target range (3.9-10.0 mmol/L).

For T1D pregnancy: >70% of time/day in target range (3.5-7.8 mmol/L).

The consensus recommends >70% of data is captured over 14 days of sensor wear time²

An increase in Time in Range results in a decrease in A1c

Estimate of A1c for a given Time in Range level based on T1D and T2D studies.⁵



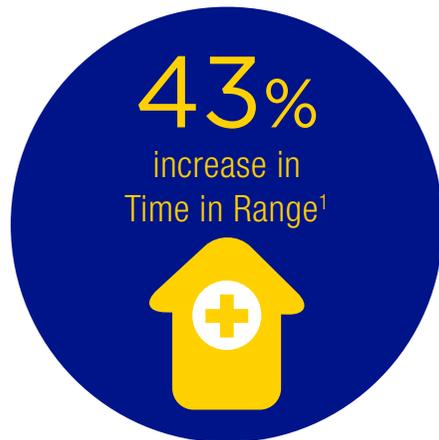
Every 5% (~1 hour per day) increase in Time in Range is associated with clinically significant benefits²

1. The international consensus report has been endorsed by the ADA, AACE, AADE, EASD, FEND, ISPAD, JDRF, and PES. 2. Battelino T, Danne T, Bergenstal RM, et al. Clinical targets for continuous glucose monitoring data interpretation: recommendations from the international consensus on time in range. Diabetes Care. 2019;42(8):1593-1603. 3. Includes <5% of the day above 13.9 mmol/L. 4. Includes <1% of the day below 3.0 mmol/L. 5. Vigersky RA, McMahon C. The relationship of hemoglobin A1c to time-in-range in patients with diabetes. Diabetes Technol Ther. 2019;21(2):81-85.

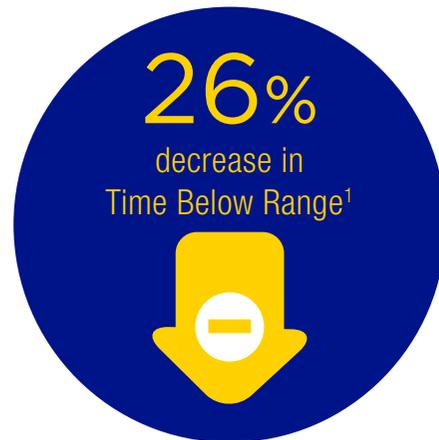
Time in Range and Real World Data

Real world data show FreeStyle Libre users increased Time in Range with more frequent scan rate¹

In comparing two groups from lowest to highest scan rate, over 592,328 patients using the FreeStyle Libre system who scanned more often saw¹:



(3.9-10.0 mmol/L) from
11.7 to 16.8 hours per day
($p < 0.001$)

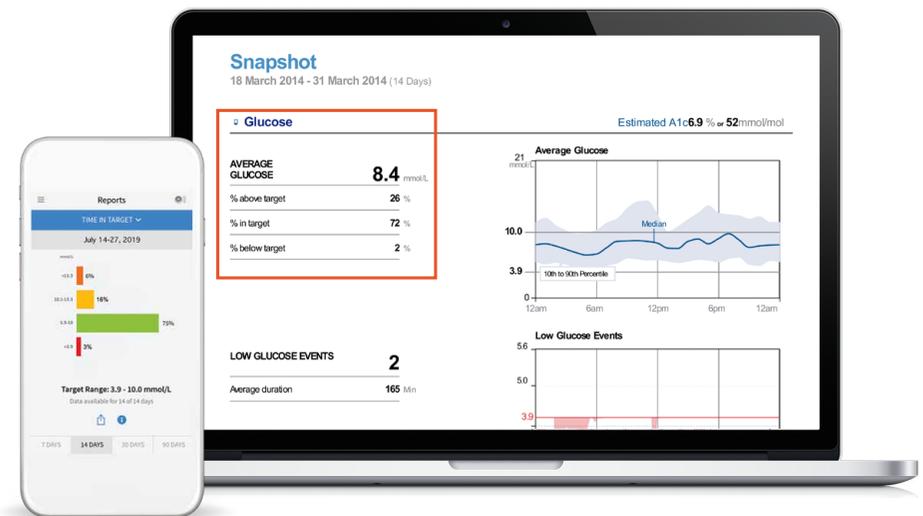


(<3.0 mmol/L) from
31.6 to 23.4 minutes per day
($p < 0.001$)

Comparing 2 groups from lowest to highest
scan rate (3.5 and 38.5 scans/day)

Easily visualise Time in Range for your patients

You and your patients can get Time in (Target) Range and AGP on the LibreView reports², FreeStyle LibreLink app, or FreeStyle Libre 2 reader.



Images are for illustrative purposes only. Not actual patient data.

1. Lang J, Jangam S, Dunn T, Hayter G. Expanded real-world use confirms strong association between frequency of flash glucose monitoring and glucose control [Poster 972]. Diabetes 2019 Jun; 68(Supplement 1). 2. The LibreView website is only compatible with certain operating systems and browsers. Please check www.libreview.com for additional information. Data captured by FreeStyle LibreLink will be automatically uploaded to LibreView when the phone on which it's running is connected to the Internet.

Benefits of the FreeStyle Libre 2 System

Benefits for patients:

	No more routine finger pricks¹ A painless ² 1-second scan to get glucose levels	
	Simple and discreet Easily check glucose anytime, ³ anywhere, ⁴ even through clothing ⁵	
	Easy night-time testing Just scan to check glucose levels	
	Convenient Automatically captures glucose, making it easy to see ups, downs, and night-time lows	
	Optional alarms Let patients know the minute their glucose is too low or too high	

Benefits for you:

	Sharing glucose data remotely with LibreView	
	Automatic uploads Patients' glucose data is automatically ⁶ uploaded from the FreeStyle LibreLink app to LibreView. ⁷ Using the app saves time – no need to download the data in clinics	

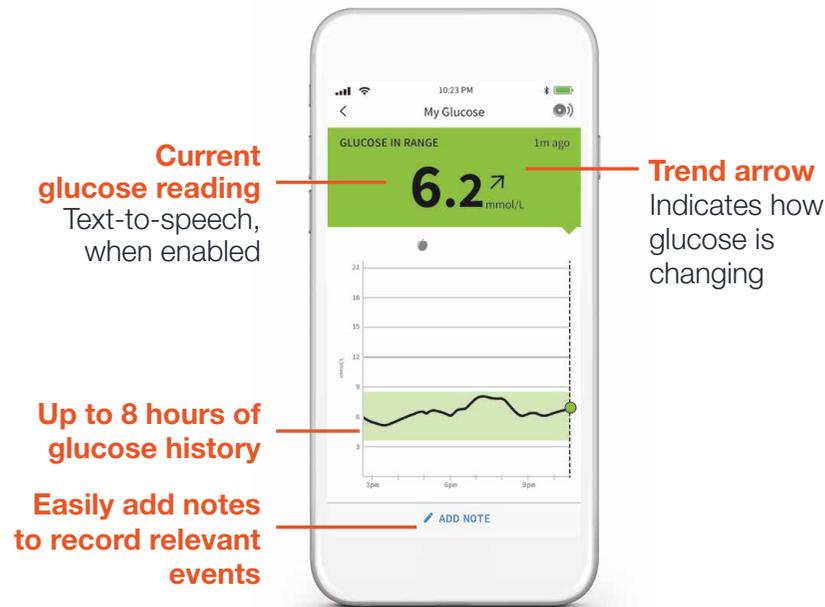
1. Finger pricks are required if your glucose readings and alarms do not match symptoms or expectations. **2.** Haak, Thomas, et al. Flash glucose-sensing technology as a replacement for blood glucose monitoring for the management of insulin-treated type 2 diabetes: a multicenter, open-label randomized controlled trial. *Diabetes Therapy* 8.1 (2017): 55-73. **3.** 60-minute warm-up period required when applying the sensor. **4.** Sensor is water-resistant in up to 1 metre (3 feet) of water. Do not immerse longer than 30 minutes. Not to be used above 10,000 feet. **5.** The reader can capture data from the sensor when it is within 1cm to 4cm of the sensor. **6.** Use of FreeStyle LibreLink requires registration with LibreView. Automatic upload requires a wireless internet connection or mobile data connection. **7.** The LibreView website is only compatible with certain operating systems and browsers. Please check www.libreview.com for additional information.

Benefits of the FreeStyle Libre System

Data Interpretation

Making Sense of the Results

Data typically generated following the 1-second scan of the reader or smartphone¹ over the sensor.



The AGP report shows:



For further information on interpreting results of the FreeStyle Libre 2 system please refer to the FreeStyle Libre Academy at: www.FreeStyleLibreAcademy.co.uk

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¹ Patients choose which device they want to receive alarms: FreeStyle Libre 2 reader or FreeStyle LibreLink app. They must start their FreeStyle Libre 2 sensor with that selected device. Once the patient scans their FreeStyle Libre 2 sensor with that device, they can receive alarms only on that device. The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please check the website for more information about device compatibility before using the app. Use of FreeStyle LibreLink requires registration with LibreView.

The ease of the FreeStyle Libre system, now with optional glucose alarms for patients who need them

Low Glucose Alarm

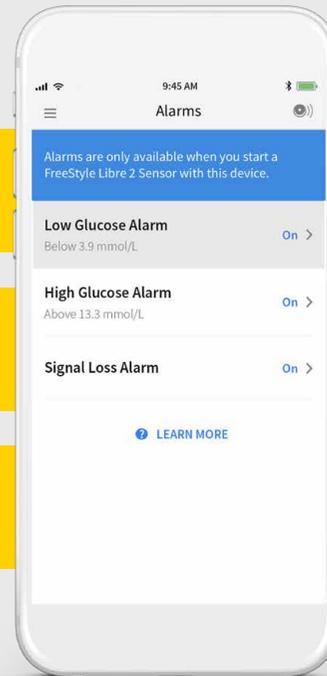
Setting can range between 3.3 mmol/L-5.6 mmol/L

High Glucose Alarm

Setting can range between 6.7 mmol/L-22.2 mmol/L

Signal Loss Alarm

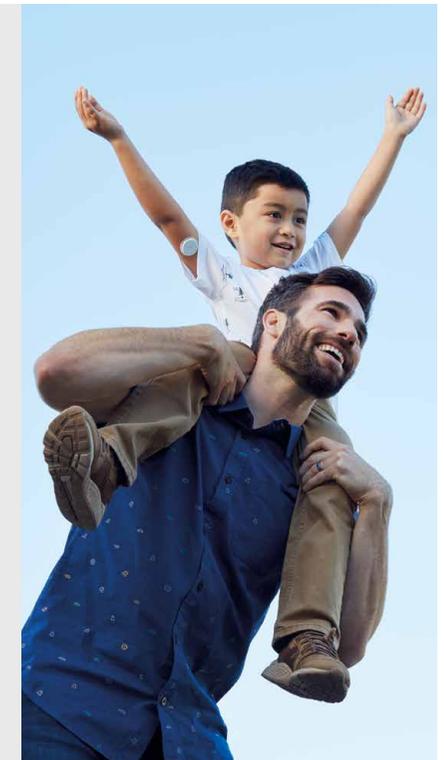
Occurs when sensor loses its signal to phone



Easy-to-use glucose alarms¹

- **Easy** to turn on
- **Easy** to customise low and high glucose alarm ranges
- **Easy** to adjust sound and vibration

With optional alarms on the FreeStyle Libre 2 system, patients know the minute their glucose is too low or too high



FreeStyle Libre 2 system: the first and only 14-day glucose monitoring system with alarms clinically proven to significantly reduce nighttime hypoglycaemia vs SMBG^{2,3}

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SMBG: self-monitored blood glucose.

1. Data on file, Abbott Diabetes Care, Inc. **2.** Bolinder J, Antuna R, Geelhoed-Duijvestijn P, et al. Novel glucose-sensing technology and hypoglycaemia in type 1 diabetes. *Lancet*. 2016;388(10057):2254-2263. **3.** Haak T, Hanaira H, Aijan R, et al. Flash glucose-sensing technology as a replacement for blood glucose monitoring for the management of insulin-treated type 2 diabetes. *Diabetes Ther*. 8.1 (2017): 55-73.

The FreeStyle Libre 2 system liberates patients from the hassles¹ of glucose monitoring

Scan and share glucose readings and trends from a smartphone with the **FREE** FreeStyle LibreLink and LibreLinkUp apps^{2,3}



FreeStyle LibreLink

- **Scan the FreeStyle Libre 2 sensor** using the FreeStyle LibreLink app on an iPhone or Android phone
- **Easy-to-understand glucose reports** showing Time in Range, low glucose events and a snapshot of daily patterns
- **Patients choose which device they want to receive alarms:** FreeStyle Libre 2 reader or FreeStyle LibreLink app*

*They must start their FreeStyle Libre 2 sensor with that selected device. Once the patient scans their FreeStyle Libre 2 sensor with that device, they can receive alarms only on that device. Starting the FreeStyle Libre 2 sensor with the FreeStyle LibreLink app means patient will not be able to use the FreeStyle Libre 2 reader to scan the sensor during the 14 day wear.



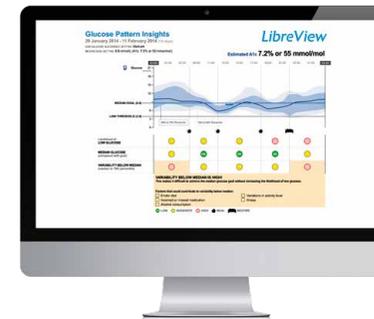
LibreLinkUp

- **Caregivers can remotely monitor** their loved ones' glucose readings and alarms with the LibreLinkUp app⁵
- **Stay connected** to help manage diabetes better together³

LibreView

Convenient for you

Patients' glucose data is automatically² uploaded from the FreeStyle LibreLink app to LibreView. Using the app saves time – no need to download the data in clinics.



Sign up

Sign up is easy, free and accessible online, so no special hardware needed.

Simple upload

Log into your Professional LibreView account, connect your patient's device to your computer for in-clinic upload or invite patients to upload remotely and share their glucose data.

View reports⁴

Discover glucose patterns and trends to help you and your healthcare team make informed decisions about your patients' health.

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1. Data on file, Abbott Diabetes Care, Inc. **2.** The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please check the website for more information about device compatibility before using the app. Use of FreeStyle LibreLink requires registration with LibreView. Automatic upload requires a wireless internet connection or mobile data connection. **3.** The LibreLinkUp app is only compatible with certain mobile device and operating systems. Please check www.librelinkup.com for more information about device compatibility before using the app. Use of LibreLinkUp and FreeStyle LibreLink requires registration with LibreView. The LibreLinkUp mobile app is not intended to be a primary glucose monitor: home users must consult their primary device(s) and consult a healthcare professional before making any medical interpretation and therapy adjustments from the information provided by the app. **4.** The LibreView website is only compatible with certain operating systems and browsers. Please check www.libreview.com for additional information. **5.** For FreeStyle LibreLink app users connected to FreeStyle Libre 2 system connections with optional glucose alarms enabled on the FreeStyle LibreLink app

Troubleshooting

Common FAQs from people with diabetes:

An extensive list of FAQs can be found on the FreeStyle Libre website at: www.freestylelibre.co.uk/libre/help/faqs.html

What is the difference between FreeStyle Libre and FreeStyle Libre 2?

Just like the FreeStyle Libre system, the FreeStyle Libre 2 system is discreet, convenient and easy to use¹. Because of its excellent accuracy^{2,3} there's no need to prick your finger when using the FreeStyle Libre 2 system - even when glucose is low, falling or rapidly changing. However, finger pricks are required if glucose readings and alarms do not match symptoms or expectations.

The FreeStyle Libre 2 system also offers peace of mind when you need it most with three optional real-time alarms for those who need them. There is a Low Glucose Alarm, High Glucose Alarm and Signal Loss Alarm.

Can I exercise, swim and shower while I'm wearing the sensor?

Yes. The sensor is waterproof, so it can be worn during exercise, swimming, and showering. The sensor should not be taken below a depth of 1 metre (3 feet) in water, and should not be submerged in water for more than 30 minutes.

Can I drive and use the FreeStyle Libre system?

The DVLA accepts Group 1 drivers to monitor their glucose levels with flash glucose monitoring systems for the purposes of driving, with confirmatory finger prick glucose levels in certain circumstances. For full requirements visit the DVLA website: gov.uk/diabetes-driving.

How should I manage skin irritation?

If a person experiences a skin irritation wearing the FreeStyle Libre 2 sensor, they should remove the sensor and contact their HCP before continuing to use the FreeStyle Libre 2 system.

Why is the reading on the FreeStyle Libre 2 system different to a finger prick blood glucose reading taken at the same time?

The FreeStyle Libre 2 system measures glucose in the interstitial fluid. Glucose in the blood takes time to reach the interstitial fluid. Because of this, FreeStyle Libre 2 sensor glucose readings may lag behind a finger prick blood glucose reading by about 2.1 minutes for children and about 2.4 minutes for adults⁴.

Can I use my phone instead of my reader?

Yes, the FreeStyle LibreLink app allows you to scan your FreeStyle Libre 2 sensor with your phone.⁵

For further information on interpreting results of the FreeStyle Libre 2 system please refer to the FreeStyle Libre Academy at: www.FreeStyleLibreAcademy.co.uk

1. Data on file, Abbott Diabetes Care, Inc. 2. FreeStyle Libre 2 system Performance Data Sheet. 3. Data on file, Abbott Diabetes Care, Inc. 4. Alva S, et al. Accuracy of a 14-Day Factory-Calibrated Continuous Glucose Monitoring System With Advanced Algorithm in Pediatric and Adult Population With Diabetes. Journal of Diabetes Science and Technology. September 2020. doi:10.1177/1932296820958754. 5. Patients choose which device they want to receive alarms: FreeStyle Libre 2 reader or FreeStyle LibreLink app. They must start their FreeStyle Libre 2 sensor with that selected device. Once the patient scans their FreeStyle Libre 2 sensor with that device, they can receive alarms only on that device. The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please check the website for more information about device compatibility before using the app. Use of FreeStyle LibreLink requires registration with LibreView.

The FreeStyle Libre 2 system
- glucose monitoring
with no finger pricks¹ and
optional alarms.



ALARM. SCAN. ACT

The #1 sensor-based glucose monitoring system used worldwide² — easy and accessible so more of your patients can get started today

- Small, discreet sensor can be worn up to 14 days with no finger prick calibration
- Easy setup³ and no patient training required




**FreeStyle
Libre 2**
FLASH GLUCOSE MONITORING SYSTEM

Recommend the FreeStyle Libre 2 system to all
your patients who need glucose alarms
Visit us at www.FreeStyleDiabetes.co.uk


life. to the fullest.®
Abbott

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1. Finger pricks are required if your glucose readings and alarms do not match symptoms or expectations. **2.** Data on file, Abbott Diabetes Care. Data based on the number of users worldwide for the FreeStyle Libre system compared to the number of users for other leading personal use sensor-based glucose monitoring systems. **3.** Data on file, Abbott Diabetes Care, Inc.

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