Dexcom G6®

Welcome to the world of real-time CGM

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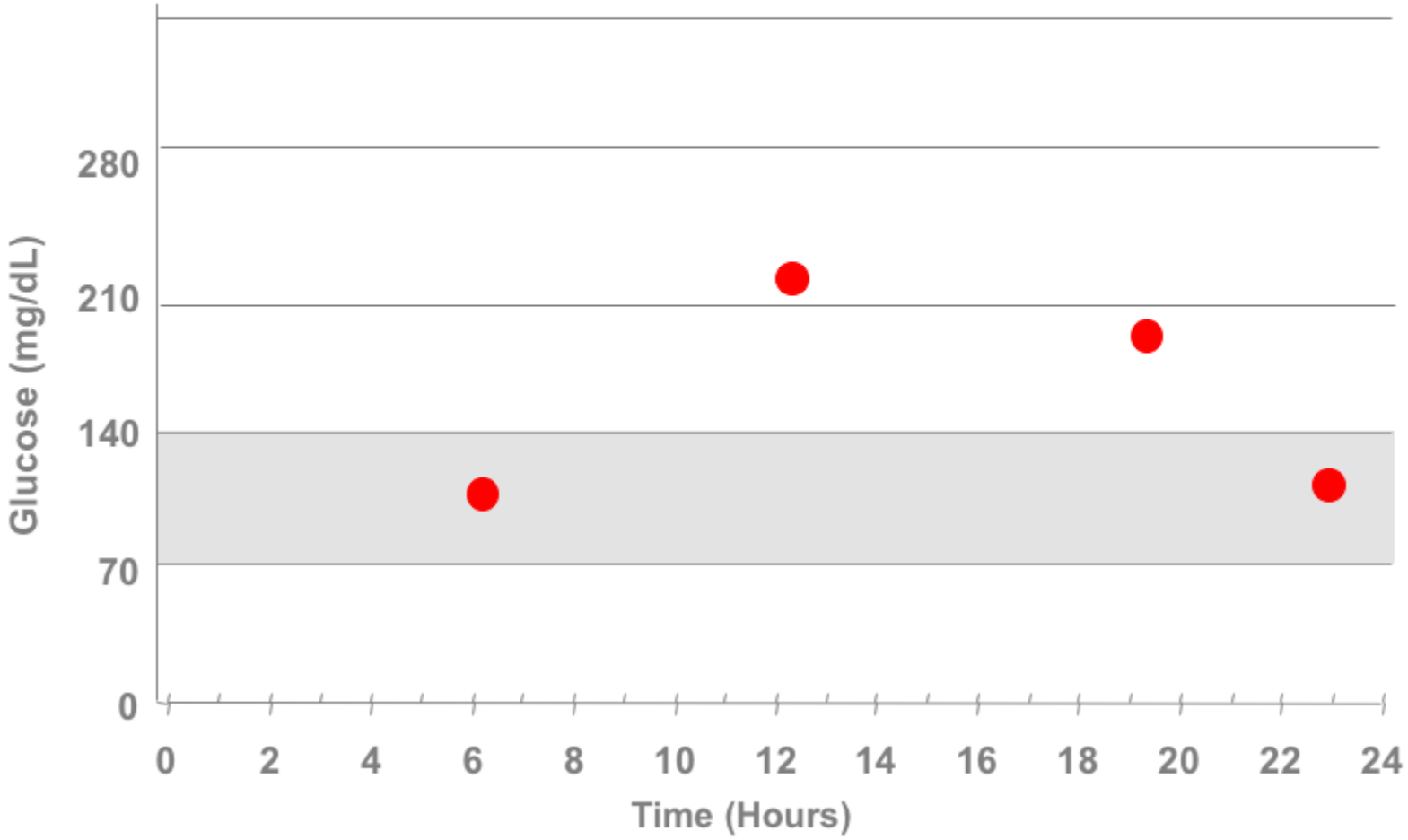
*If your glucose alerts and readings from the G6 do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions.

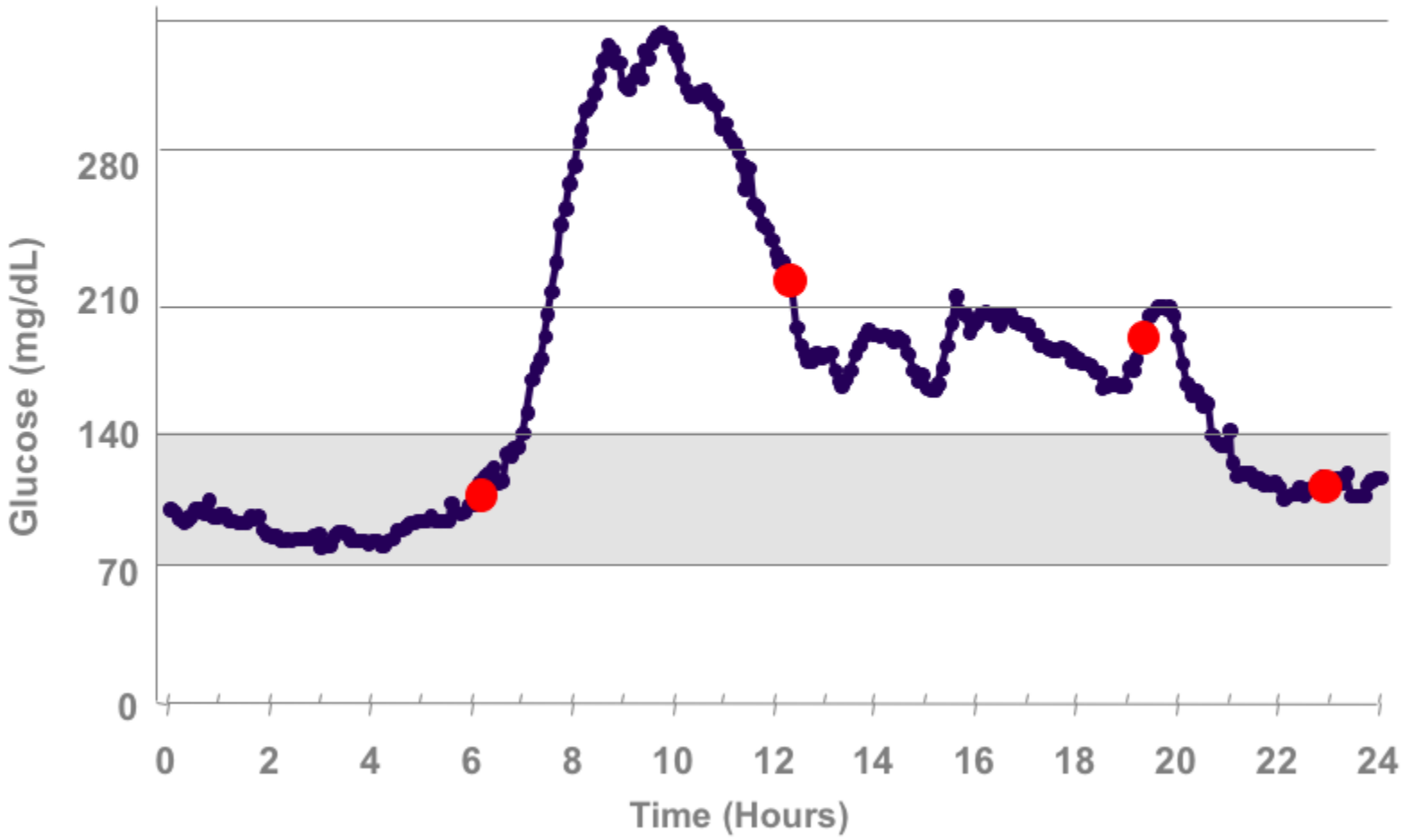
Agenda

- What is CGM?
- G6 components
- G6 app and Follow app
- Sensor insertion
- Treatment decisions
- Troubleshooting
- Tech Support

BGM vs. CGM


Glucose (mg/dL)
280
210
140
70
0
0
2
4
6
8
10
12
14
16
18
20
22
24
Time (Hours)

BGM vs. CGM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Real-Time CGM is the standard of care for patients on intensive insulin therapy.

Recognized as a standard of care in diabetes management by the American Diabetes Association (ADA), American Association of Clinical Endocrinologists (AACE) and the Endocrine Society.[1,2,3]

Continuous glucose monitoring (CGM) use has proven to both reduce A1C and time spent in hypoglycemia regardless of delivery method.[4,5]

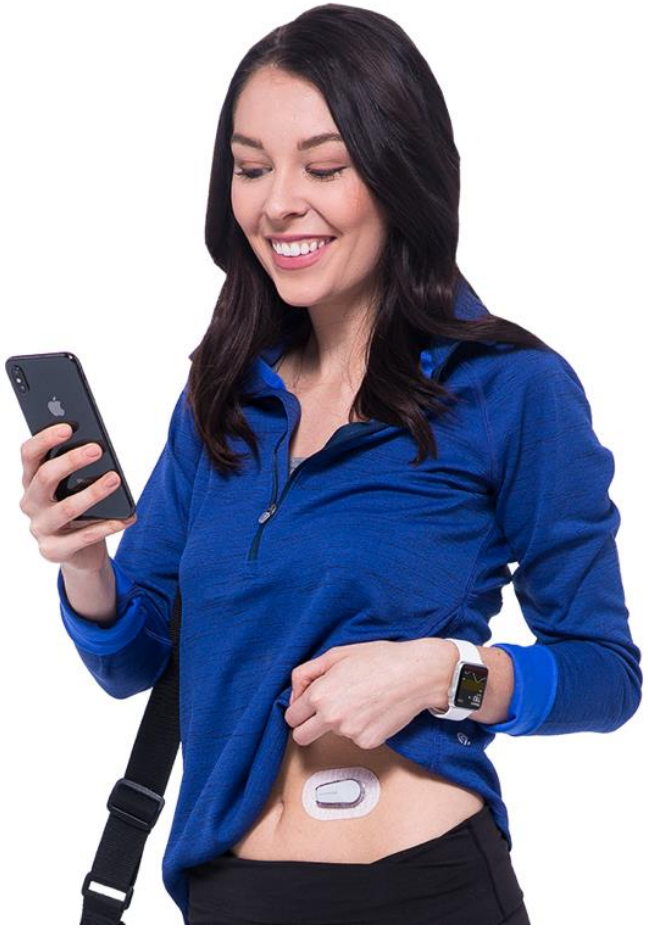
Regular CGM use is also associated with an increase of time spent in range,[4,6] a reduction of severe hypoglycemic incidents,[7,8] and associated with many behavioral changes that promote significant positive change in diabetes self-management.[9]

1 American Diabetes Association. (2016). Glycemic Targets. Standards of Medical Care. Diabetes Care, S33-S40.
[2]Fonseca V, Grunberger G, Anhalt H et al. CONTINUOUS GLUCOSE MONITORING: A CONSENSUS CONFERENCE OF THE AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS AND AMERICAN COLLEGE OF ENDOCRINOLOGY. Endocr Pract. 2016;22(8):1008-1021.
[3]Peters A, Ahmann A, Battelino T et al. Diabetes Technology—Continuous Subcutaneous Insulin Infusion Therapy and Continuous Glucose Monitoring in Adults: An Endocrine Society Clinical Practice Guideline. J Clin Endocrinol Metab. 2016;jc.2016-2534.
[4]Soupal J, Petruzelkova L, Flekac M et al. Comparison of Different Treatment Modalities for Type 1 Diabetes, Including Sensor-Augmented Insulin Regimens, in 52 Weeks of Follow-Up: A COMISAIR Study. Diabetes Technology & Therapeutics. 2016;18(8):532-538.
[5]Battelino T PM, Bratina N, Nimri R, Oskarsson P, Bolinder J. Effect of Continuous Glucose Monitoring on Hypoglycemia in Type 1 Diabetes. Diabetes Care. 2011;34(4):795-800.
[6]Beck RW, Riddlesworth T, Ruedy K, et al. Effect of continuous glucose monitoring on glycemic control in adults with type 1 diabetes using insulin injections: The diamond randomized clinical trial. JAMA. 2017;317(4):371-378. doi:10.1001/jama.2016.19975.
[7]Choudhary P, Ramasamy S, Green L et al. Real-Time Continuous Glucose Monitoring Significantly Reduces Severe Hypoglycemia in Hypoglycemia-Unaware Patients With Type 1 Diabetes. Diabetes Care. 2013;36(12):4160-4162.
[8]Lind M, Polonsky, W, Hirsch, I, et al. Continuous Glucose Monitoring vs Conventional Therapy for Glycemic Control in Adults With Type 1 Diabetes Treated With Multiple Daily Injections – The GOLD Randomized Clinical Trial. [published January 2017]. JAMA.
[9]Haas L, Maryniuk M, Beck J, et al. National Standards for Diabetes Self-Management Education and Support, Diabetes Care, Volume 35, November 2012

APPROVED FOR 2+ YEARS

The only CGM FDA-approved for ages two years and older

Holden and Zola,
T1Ds, Dexcom Warriors



Dexcom G6 app* or Receiver:**
Displays glucose information and provides Alarm/Alerts

Applicator with sensor:
Applicator inserts sensor under skin and sensor gets glucose information

Transmitter: Affixed to sensor and wirelessly sends data to display device

* For a list of compatible devices see: dexcom.com/compatibility
** In this guide, we will only be discussing the smart device option. For receiver information see the Dexcom G6 User Guide (dexcom.com/guides).

Dexcom G6 App

Dexcom Clarity App

*For a list of compatible devices see: dexcom.com/compatibility

SMART DEVICE USE

If the student uses a smart device it will need to be with them at all times and the volume will need to be loud enough to hear low and high alerts.

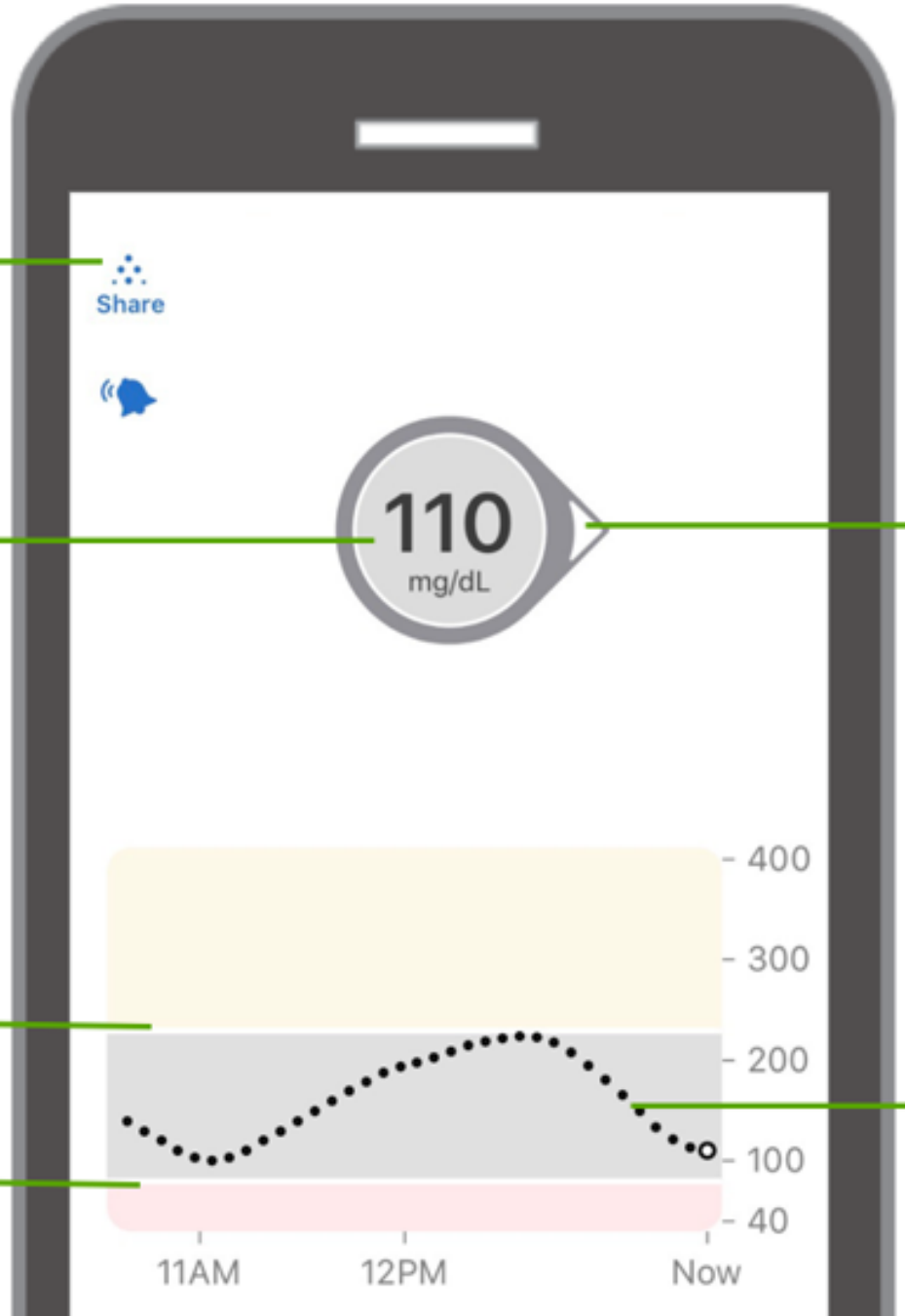
The 504 plan will outline the use of the smart device in a school setting.

Dexcom Share: A student can share glucose information with up to 5 people

Current Glucose: Shows where the student's glucose is now

High Alert Level: The student will be alerted when glucose rises above this level

Low Alert Level: The student will be alerted when glucose falls below this level



Trend Arrow: Shows a student's glucose speed and direction

Trend Graph: Shows a student's glucose over the past 3 hours

TREND ARROWS

Trend arrows shows a student's glucose speed and direction.

Constant

0-30 mg/dL up or down in ½ hour

Slowly Rising

30-60 mg/dL up in ½ hour

Rising

60-90 mg/dL up in ½ hour

Rapidly Rising

90 or more mg/dL up in ½ hour

Slowly Falling

30-60 mg/dL down in ½ hour

Falling

60-90 mg/dL down in ½ hour

Rapidly Falling

90 or more mg/dL down in ½ hour

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DEXCOM FOLLOW®

To receive the student's glucose information, Followers will need to install the Dexcom Follow app on a compatible smart device* and have internet connectivity. When someone is added as a Follower they will be sent an email with instructions.

Any diabetes treatment decision should be based on the student's G6, not information from the Dexcom Follow app.

Dexcom Follow App

* For a list of compatible devices see: dexcom.com/compatibility

TREATMENT DECISIONS

A student may come to you to treat a low or high glucose level. The G6 can be used to make treatment decisions such as eating for a low glucose level or dosing insulin for a high glucose level. Base treatment decisions on the student's 504 plan.

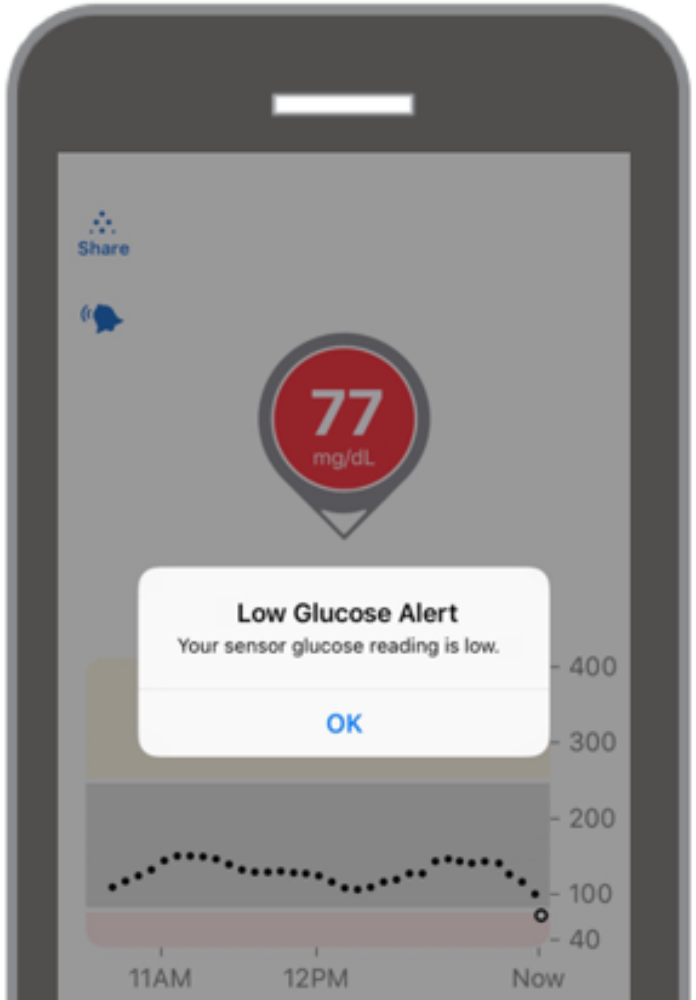
Use a meter:

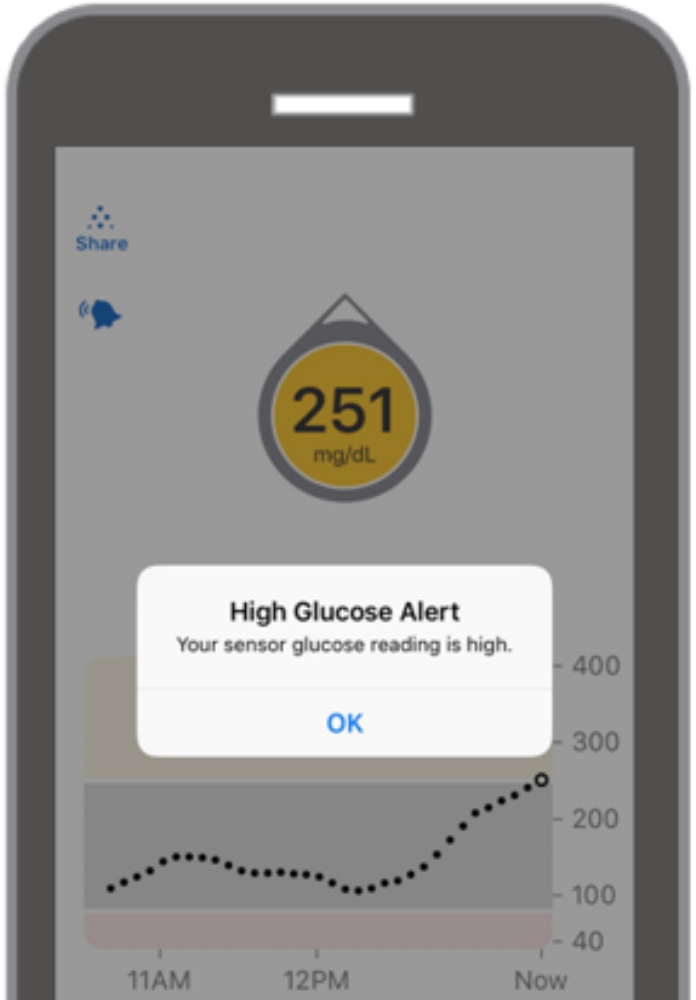
- If a number and an arrow are not shown on the G6 app
- Any time the student's symptoms or expectations don't match readings. For example, if a student says they feel low but the G6 shows them in a normal range.

LOW AND HIGH ALERTS

Each student should have a set low and high glucose alert.

The display device will either vibrate or beep based on the student's alert settings.





RESPONDING TO ALERTS AND ALARMS

Based on the 504 plan a student may come to you to help respond to alerts and alarms.

The steps you should take are:

- Go into the G6 app on the student's smart device
- Tap OK to clear the alert
- Take action based on the glucose information shown in the G6 app and 504 plan

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SENSOR INSERTION

You may need to help a student with sensor insertion. Sensor insertion should be outlined in the 504 plan.

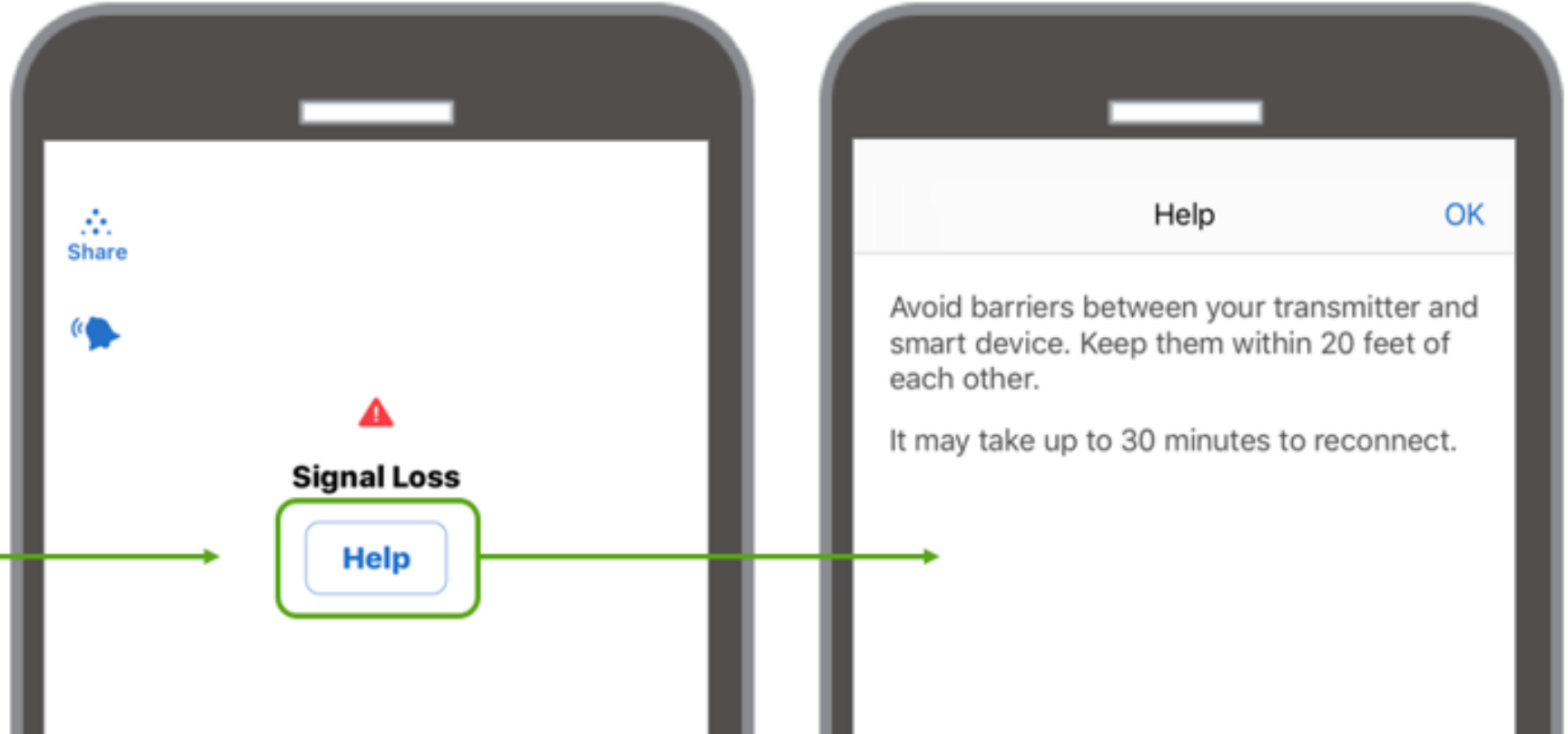
Find sensor insertion video here:

dexcom.com/training-videos

TROUBLESHOOTING

A student may come in for help with a screen they have never seen before. Use a meter for treatment decisions if an error is shown.

For troubleshooting tips tap “help” for more information or see Dexcom.com/faqs



https://www.dexcom.com/contact

Global Technical Support

Product troubleshooting or replacement inquiries

1-844-607-8398

Available 24 hours a day;
7 days a week

Request a call back from a representative
Submit a Patient Support Request
Request Sensor Overpatches
Chat Live with Dexcom Tech Support
(At this time, live chat is only available to US customers, Monday-Sunday from 5AM-5PM PST.)

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EVERY STUDENT IS UNIQUE

If other issues come up regarding the student and their CGM, speak to the main caregiver and adjust the 504 plan as needed.