Helpful Hints

High/Low Glucose Alerts

- **With High/Low Glucose Alerts, insulin delivery continues.**
  - If Alerts are not confirmed by pressing “Conf” Alert will repeat every 3 minutes.
  - You can enable/disable and set Alert sounds on your healthcare professional's recommendations or your personal preferences.

Low Glucose Alarm

- The CGM has an automatic Low Glucose Alarm set at 3.2 mmol/L. You cannot disable this Alarm, or change the Alarm level in the CGM Menu.
- **Press “Conf” to confirm.**
- You will be notified again in 30 minutes if your glucose reading is still at or below 3.2 mmol/L.

Calibration - What to do

- **Watch hands before each calibration.**
- Use same BG meter for all calibrations.
- Quality-check BG meter to make sure your BG meter is giving accurate values for calibration.
- **Remember the correct fingerstick BG value is critical to obtaining accurate Sensor readings.**
- Use proper technique when performing a Fingerstick test.
- **Calibrate at any time as long as you see a CGM glucose reading or BG symbol ( BG ) on the CGM Data or Trend Screen.**
- **Calibrate a minimum of once every 2 hours.**
- **Waiting 15 minutes and then enter 1 fingerstick BG value.**
- **Calibrate wherever your glucose levels are rising or falling.**

Calibration - What NOT to do

- **DO NOT calibrate when you see the ( BG ) symbol on the CGM Trend or Data Screen.**
- **DO NOT calibrate if your BG is higher than 22.2 mmol/L or lower than 2.2 mmol/L.**
- **DO NOT use samples other than your fingerstick to get BG values for calibration.**

CGM History

- From the CGM Menu, you can access and review a history of CGM sessions, BG-calibrations and CGM warnings.

Important information

- You must take a fingerstick test with your BG meter and use that BG value to make any insulin adjustments based on the CGM readings.
- **You should calibrate the CGM at least once every 12 hours.**

CONTRAINDICATIONS

- The Dexcom G4 CGM Sensor and Transmitter have not been tested during MRI, CT Scan or any other diagnostic test or any other diagnostic test, and it is unknown if there are safety or performance issues.
- **Taking anticoagulants containing medications while wearing the Sensor may falsely raise your Sensor glucose readings.** The level of accuracy depends on the amount of anticoagulant active in your body.

Frequently Asked Questions

- What can the CGM do for me? The CGM gives you a continuous picture of your glucose levels to help you detect trends and patterns in your glucose levels. Trends let you see where your glucose levels have been, which direction they are headed, and how fast they may be rising or falling.
- **Can the CGM replace my traditional BG meter?** No, it is meant to be used IN ADDITION TO your BG meter. When you use the CGM, you need to take two fingerstick tests with your BG meter to start/halt/confirm your Sensor session. You will also need to take at least 1 Fingerstick test every 12 hours.
- **Should I make treatment decisions based on the results from my Animas® Vibe™ System?** You may take a Fingerstick test with your BG meter and use that BG value to make any insulin or treatment decisions. Insulin dosing decisions should not be based solely on results from the CGM.

Dexcom G4 Continuous Glucose Monitoring (CGM) Sensor and Transmitter Quick Start Guide

Part of the Animas® Vibe™ System

Revised all Contraindications, Warnings, Precautions, and detailed procedures in the Animas® Vibe™ Owner’s Booklet before using the Dexcom G4 CGM Sensor and Transmitter.

You must take a fingerstick test (blood glucose test using a blood sample from your fingertip) instead of a glucose value.

Get to Know Your Animas® Vibe™ System

Set up Transmitter ID

Set Alarms & Sounds & Levels

Insert Sensor & Place Transmitter

Start Sensor Session

Calibrate

CGM Trend & Data Screens

End Sensor Session

Making the Animas® Vibe™ System part of your life

The CGM is not a replacement for your traditional blood glucose meter. When you use the CGM, you will see real-time continuous glucose readings on your Animas® Vibe™ Insulin Pump. You must take a fingerstick test (blood glucose test using a blood sample from your fingertip) instead of a glucose value.

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Set up Transmitter ID

1. From the MAIN MENU, press to highlight CGM and press .
2. Press to highlight Setup and press .

Every time you begin using a new Transmitter you need to set the Transmitter ID. This allows your pump and Sensor to talk to each other. Your unique Transmitter ID number makes this possible. Be sure to remove the Transmitter from the tray when you are ready to use it. As soon as you remove it from the tray, it begins to use battery power. Wait 30 minutes for the Transmitter to turn on and be ready to use.

To Set Transmitter ID

1. From the CGM Setup screen, press to highlight Transmitter and press .
2. Press to highlight the Transmitter and the last digit will be highlighted. Use the buttons to move to the first digit and press to activate “Edit Mode.” Use the buttons to enter the first digit of your 5-digit ID number (found on underside of Transmitter). You can also enter the ID number on the CGM Setup screen.
3. After each digit is entered and repeated until the last digit is entered.
4. CGM Setup will be highlighted. Press to return to CGM Setup screen.

Set up Transmitter ID

1. From the CGM Setup screen, press to highlight Sensor and press .
2. Press to highlight the Sensor and press .

The CGM Sensor is a key component in your CGM system. Its purpose is to monitor your glucose levels and send the data to your Insulin Pump. This process is called “continuous glucose monitoring” or “CGM.” The Sensor is a small device that is placed under your skin and is connected to the main sensor by a small wire (called the Sensor Pod).

To Set Sensor Levels

1. From the CGM Setup screen, highlight any Alert type and press .
2. Press to activate “Edit Mode.”
3. Scroll down to Adjust Setup and press .

Alerts are used to help you stay on track with your diabetes management. They can be activated in several different ways, including:
- When your glucose level is outside a certain range.
- When your glucose level is changing too quickly.
- When your glucose level is changing too slowly.

Insert Sensor & Place Transmitter

1. Before starting this step, you should have a Sensor, Sensor Applicator, the Transmitter, and alcohol wipes on hand.

To Insert the Sensor

1. Clean the placement site with alcohol. Let dry. The placement site should be on your belly, and out of the way of wind and other areas where rubbing can occur. It should be at least 7.6 centimeters (3 inches) away from insulin pump infusion site.
2. Remove adhesive backing from bottom of Sensor Pod.
3. Place Sensor horizontally, NOT vertically. Press your fingers firmly around adhesive to ensure it is stuck.
4. Place Sensor Pod over Transmitter and twist until it clicks into place.
5. Saftey Lock is activated, do not remove.

Calibrate

1. At the end of the 2-hour Startup period, calibrate your CGM by taking 2 fingerstick blood glucose levels (BG) with your BG meter. BG values must be taken within 5 minutes of each other and then immediately entered in your pump. You will also need to calibrate monthly with 1 fingerstick BG value approximately every 12 hours. Calibration values can be entered sooner or more often than every 12 hours, if desired.

1. Stars - One Hour
2. Yellow - Two Hours
3. Blue - 24 Hours

To Calibrate

1. After the 2-hour Startup, you will be prompted to enter 2 separate fingerstick BG values in your pump. Press to confirm Warning.
2. Wash hands and perform fingerstick test with your BG meter.

1. From CGM Menu, BG Cal will be highlighted. Press .

To CGM Trend & Data Screens

1. From the CGM Setup screen, press to highlight Trend Graph and press .

The CGM Trend Graph provides a graphical display of your CGM readings over a 1-hour period, based on your preferred screen view. CGM Trend screens also provide information to assess the speed and direction of your glucose levels.

Access CGM Trend and Data Screens

1. Use the buttons to scroll through the Trend Graph and then the Data Screens. Press to return to the CGM Menu screen.
2. When the pump is in sleep mode, you can access CGM Trend screens directly by pressing the Contrast/CGM Shortcut button ( ).

To Start Sensor Session

1. From the CGM Menu screen, press to highlight Start/Stop and press .

The CGM Data Screen provides a snapshot of your current glucose status.

1. From CGM Menu, press to highlight CGM Warning and press .
2. Press to return to CGM Setup screen.

To Stop the Sensor Session

1. From the CGM Menu, press to highlight Stop and press .

The CGM Warning feature is activated on the pump when you are outside of a range set by the pump. A final CGM Warning screen will appear when your Sensor session has ended. Press to confirm your Sensor session has ended.

To Remove the Sensor Pod and Transmitter

1. Press Safety Lock lock until you cannot press anymore and then pull up. The Transmitter will pop out of the Safety Pod.

To Remove the Sensor Pod and Transmitter

1. From CGM Menu, press to highlight Start/Stop and press .
2. Press to return to CGM Menu screen.
3. When the pump is in sleep mode, you can access CGM Trend screens directly by pressing the Contrast/CGM Shortcut button ( ).

Trend Arrows

Trend Arrows indicate along with trend graphs to assess which direction your glucose levels are headed and how rapidly they are changing. You should not dose insulin based on trend arrows alone.

1. Rapidly rising: Your CGM glucose readings are rising more than 0.17 mmol/L each minute.
2. Slowly rising: Your CGM glucose readings are rising 0.06–0.11 mmol/L each minute.
3. Rising: Your CGM glucose readings are rising 0.06–0.11 mmol/L each minute.
4. Rapidly falling: Your CGM glucose readings are falling more than 0.17 mmol/L.
5. Slowly falling: Your CGM glucose readings are falling 0.06–0.11 mmol/L each minute.
6. Falling: Your CGM glucose readings are falling 0.06–0.11 mmol/L each minute.

1. High Alert
2. Low Alert
3. Alert
4. No Alerts

To CGM Trend & Data Screens

The CGM Trend Screens provide a complete picture of your glucose status. CGM Trend Screens include a graphical display of your CGM readings over a 1 - 3 - 6 - 12 - 24 hour time period, based on your preferred screen view. CGM Trend screens also provide information to assess the speed and direction of your glucose levels.

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