

Dexcom G6

Professional Use Guide



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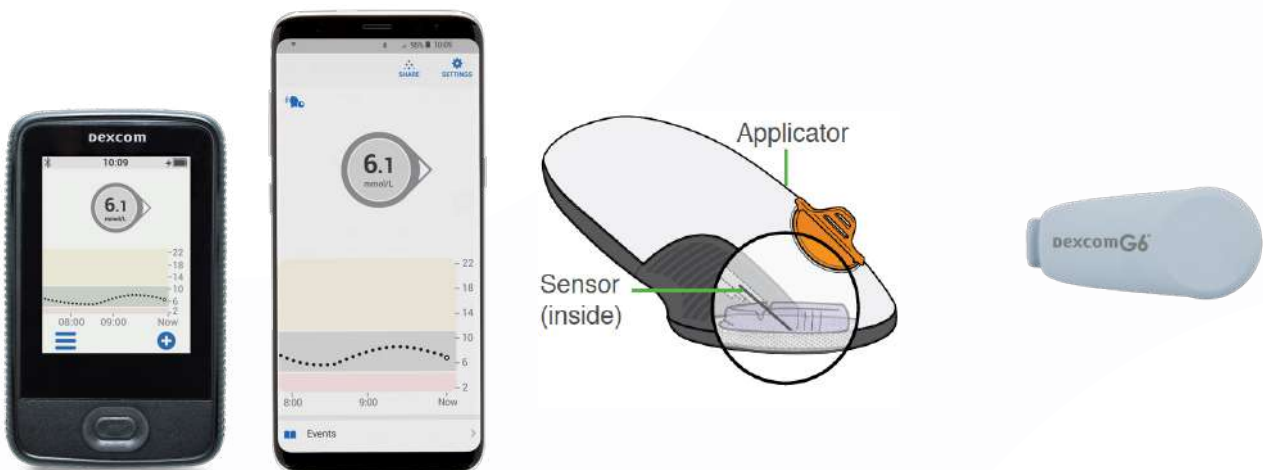
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Dexcom G6 Overview



Dexcom G6 Continuous Glucose Monitoring (CGM) system is the latest technology in the Dexcom range. The outstanding accuracy of Dexcom G6 allows the user to make treatment decisions with no calibrations required, which means zero fingerpricks*.

With Dexcom G6, the user can see their current glucose level and where it's heading with just a glance at their compatible smart device or receiver†. Real-time readings can also be seen by up to 5 of their loved ones for added peace of mind‡!



Display Devices

Receiver

Can be blinded or unblinded

Mobile App

Offers convenient, real-life experience

Applicator with Sensor

Sensor applicator inserts sensor under skin

Sensor obtains glucose information

10 day wear

Transmitter

Sends glucose information from sensor to display device

3 month battery life



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

†Smart device and Receiver not included with Dexcom G6 CGM system. For a list of compatible devices, please visit dexcom.com/compatibility

‡Do not make treatment decisions based upon Share and Follow readings. Always confirm with your compatible smart device or Receiver. Internet connectivity required to access Dexcom Follow. For a list of compatible devices, please visit dexcom.com/compatibility

Preparing Dexcom G6 for Patients



Getting your patients started on Dexcom G6 is as easy as 1, 2, 3.

1. Clean and prepare Dexcom G6 for your patient
2. Set up the Dexcom G6 system and train the patient. You will require the *Dexcom G6 Start Here Guide* and the *Dexcom G6 Using Your G6* guide to complete this step
3. Follow up with your patient to share insights from Dexcom CLARITY on glucose trends and patterns: *Dexcom CLARITY for Healthcare Professionals* resource may be helpful. To access this booklet and more educational resources, please visit: **amsldiabetes.com.au/resources**.

Further resources can be accessed at:
dexcom.com/en-AU/downloadsandguides

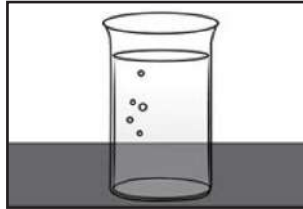
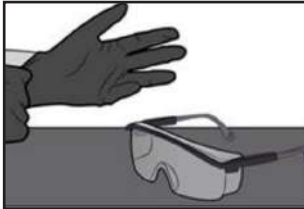
The next pages will guide you through these steps.



Step 1: Cleaning the Transmitter

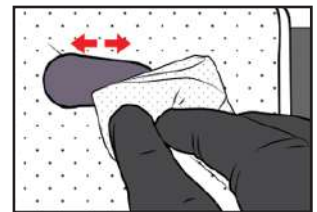
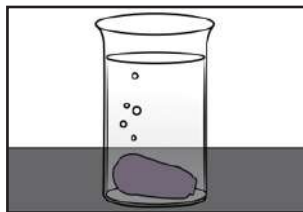


Prepare to Clean Transmitter



- Protect: Wear clean gloves and goggles
- Prepare soak: Put Clorox Healthcare Bleach Germicidal Cleaner solution (Clorox, or suitable alternative) in a container deep enough to submerge the transmitter

Clean Transmitter

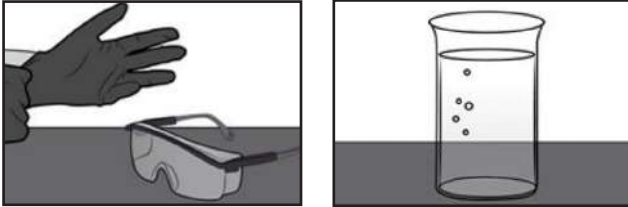


- Rinse:
 - Rinse transmitter in cold tap water while brushing with a soft bristle brush until all visible soil is gone
- Soak:
 - Put transmitter in prepared soak for 3 minutes. While immersed, scrub uneven areas with a soft bristle brush
- Rinse:
 - Remove and rinse transmitter under flowing cold tap water for 10 seconds
- Wipe:
 - Wipe transmitter dry with cloth
- Inspect:
 - Verify there is no visible soil. If there is, clean again

Disinfecting the Transmitter



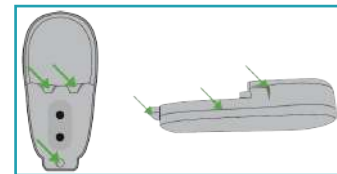
Prepare to Disinfect Transmitter



- Protect: Wear clean gloves and goggles
- Prepare soak: Put CaviCide solution in a container deep enough to submerge the transmitter
- Fill a syringe with ~30 mL of CaviCide

Disinfect Transmitter

- Flush:
 - Flush transmitter with CaviCide from syringe
 - Focus on the uneven areas
 - Swirl in CaviCide solution for 10 seconds
 - Refill syringe
- Scrub:
 - Saturate clean cloth or wipe with CaviCide
 - Wipe entire transmitter for at least 3 minutes or until all soil is removed
 - Focus on the uneven areas
- Flush:
 - Flush transmitter with CaviCide from syringe
 - Focus on the uneven areas
 - Swirl in CaviCide for 10 seconds
- Soak:
 - Put transmitter in prepared soak
 - Swirl it for 30 seconds
 - Then let it soak for another 3 minutes
- Rinse and dry:
 - Remove from soak and rinse transmitter under flowing cold tap water for 10 seconds
 - Wipe transmitter dry with cloth



Uneven areas on the Dexcom G6 transmitter

Preparing the Dexcom G6 Receiver



Charge and Reset

- Charge receiver
- Reset
 - Resetting the receiver removes the previous patient's data. To ensure patient privacy, reset the receiver after each use
 - Decide whether your patient needs to see their sensor information (unblinded) or not (blinded) while they use Dexcom G6

Wipe Receiver

- To wipe off the receiver, use a clean, dry cloth
- If necessary, remove and discard old shield (if attached) before wiping. Follow Hospital/Clinic precautions for discarding potentially infectious material
- Do not use abrasive cloths, towels, paper towels, or similar items
- Do not get moisture into any openings
- Do not use aerosol sprays, solvents, or abrasives

Prepare and Attach Receiver Shield

- Prepare:
 - Wash hands and wear clean gloves
 - Use a new shield for each patient to protect patients from contamination
 - Get a shield, triangle seal and USB cover



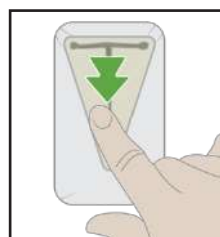
Note: Receiver shields are available in packs of 4 from AMSL Diabetes

Attach Shield

1. Align receiver with shield so receiver screen faces away from opening and USB port aligns with shield USB opening
2. Slide receiver into T-shaped opening
3. Stretch shield over receiver
4. Peel triangle seal from adhesive backing
5. Place seal over shield opening on back of receiver
6. Peel square seal from adhesive backing
7. Place over USB opening to create a door



Step 1-3



Step 4-5



Step 6-7

Charging the Dexcom G6 Receiver



Recharge Receiver

- The receiver needs to be charged
- Charge receiver using electrical outlet, not computer/laptop
- Full charge may take up to 3 hours



Blinding and Unblinding



Options for Setting up the Receiver

First, decide whether the patient should be able to see their Dexcom G6 readings (unblinded). Will this motivate them to manage their diabetes better?

- **Unblind:** The receiver shows patient's Dexcom G6 reading, arrow, graph and all glucose related alarm/alerts (Urgent Low Glucose, Urgent Low Soon, Low Glucose, High Glucose, Rise Rate, and Fall Rate)
- **Blind:** The receiver does not show any unblinded information or sound any alerts/alarm. In addition, it does not show the Warmup Complete message
- Whether the Dexcom G6 receiver is blinded or unblinded, all Dexcom G6 patients:
 - Must carry their receiver so it records their data for later analysis in Dexcom CLARITY
 - Receive system alerts (including 'Pair Transmitter, Start Sensor, New Sensor, Signal Loss, No Readings, Calibration)

Resetting the Dexcom Receiver



Setting up the Receiver: Reset, Blind or Unblind

Resetting receiver

1. Log into Dexcom CLARITY for Healthcare Professionals:
clarity.dexcom.eu/professional

2. Click on 'Manage Receiver'

3. Connect the receiver to the computer to reset, blind or unblind the receiver (receiver must be connected via USB)

4. Select 'Reset'

5. Confirm action by selecting 'Yes'

6. Confirmation message will be shown

Blinding and Unblinding the Dexcom Receiver



Setting up the Receiver: Reset, Blind or Unblind

Blinding - Unblinding receiver

1. Complete steps 1-3 as above. Once connected to the computer, software will detect whether receiver is currently blinded or unblinded. You will then be able to select blind or unblind
2. Select 'Blind' / 'Unblind'
3. Confirm action by selecting 'Yes'
4. A confirmation message will be shown

Reset or Blind the connected receiver.

- Reset erases all data and returns the receiver to factory settings. This cannot be undone.
- Blind disables all CGM glucose readings, arrows, graphs, and all glucose-related alerts and alarms.

Device: Receiver
Serial Number: XXXXXXXXXX
Transmitter ID: XXXXXX

Blind Reset Cancel

Confirm blind.

Are you sure you want to blind this receiver?

Device: Receiver
Serial Number: XXXXXXXXXX
Transmitter ID: XXXXXX

Yes Cancel

Using the Dexcom G6 Mobile App



Alternative Display Device

Smart Device

- As a convenient alternative (or in addition to using the Dexcom G6 receiver), patients can utilise the Dexcom G6 app on their smart device to view their glucose data and receive alerts/alarms
- Prior to the initial appointment, it is recommended patients complete the following:
 - Ensure you have a compatible smart device with the Dexcom G6 app by visiting: **dexcom.com/compatibility**
 - Download and install the Dexcom G6 app from the App Store (iOS) or Google Play (Android)
 - Create an account and record their username and password. If moving across from Dexcom G5 Mobile, use same Dexcom account username and password

Step 2: Setting up and Training the Patient

Set Up the Dexcom G6 System and Train the Patient

- Refer to the *Dexcom G6 Start Here Guide* to set up the display devices, insert the sensor and attach the transmitter
 - Remember if using the receiver in blinded mode, there will be no glucose display information and no alerts to set up as these functions are turned off during the blinding process
- After the 2 hour warm up period, the following home screen will be displayed on the receiver:



Viewing the receiver trend screen in blinded mode



Viewing the receiver home screen in unblinded mode

- The receiver must be within 6 metres of the transmitter to receive glucose information
- If using the Dexcom G6 app or receiver in unblinded mode, refer to the *Dexcom G6 Using Your G6 Guide* to introduce the home screen, customise the alerts and guide your patient through making treatment decisions. If using the Dexcom G6 app, Dexcom Share, Dexcom Follow, an alert schedule can also be customised
- Patients can also use compatible smart devices as their chosen Dexcom display devices. For a list of compatible devices, please visit dexcom.com/compatibility



Ending the Sensor Session



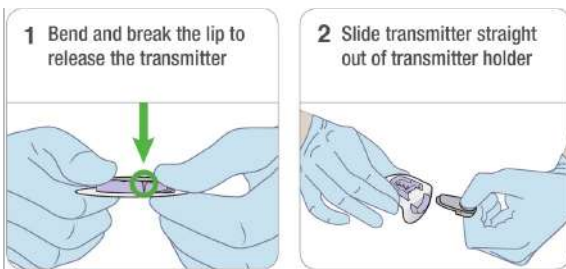
Ending the Sensor Session

10 Days Later

- At the end of the session, the sensor will automatically turn off after 10 days
- The receiver and/or Dexcom G6 app will alert at 6 hours, 2 hours and 30 minutes before this happens
- To remove the sensor, advise the patient to complete the following steps:



- To separate the sensor and transmitter, complete the following steps:



- Keep transmitter to use with next sensor
- Throw out adhesive patch according to Hospital/Clinic precautions for discarding potentially infectious material

Essential step when using the Dexcom G6 App

- To enable other users to utilise the Dexcom G6 transmitter for trials, **the following process MUST occur at the end of the sensor session**
- On the patient's smart device:
 1. Go to the smart device's Bluetooth settings and forget any Dexcom devices
 2. Once this has occurred, delete the Dexcom G6 app from the smart device
 3. The transmitter is now relinquished and free to pair to a new device for a new user



Step 3: Dexcom CLARITY Sharing Data - Home



Upload and Share Data - Home

- Patients must give permission to share their CGM data by accepting a sharing invitation from your clinic. Data is not shared until the patient creates or logs into their Dexcom CLARITY account to accept the invitation to share
- To begin sharing data, your patient will need to complete one of the following:

Share using the Dexcom CLARITY app

- 1 Log into the Dexcom CLARITY app with your Dexcom login.
- 2 Tap **Profile** > **Authorise Sharing** and follow the instructions.

Share using the Dexcom CLARITY website

- 1 Log into Dexcom CLARITY online at clarity.dexcom.eu/share
- 2 Follow the onscreen instruction.

Share Data with a New Clinic

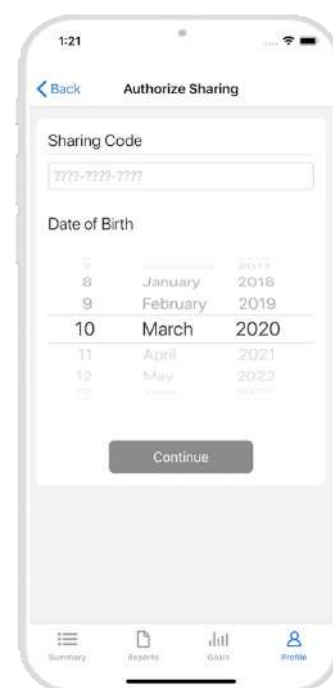
Your clinic will provide a sharing code for your data so that they have continuous access and can make your appointments more efficient. If your clinic hasn't provided you an invitation to share, you can ask your clinic to create one for you. You can stop sharing with your clinic at any time.

Enter the sharing code provided by your clinic

Verify your date of birth

DD	Month	YYYY
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Continue Cancel



- After the patient accepts the sharing invitation, data uploaded by the patient from a Dexcom receiver or Dexcom Mobile app will be available for viewing at the clinic through the clinic's Dexcom CLARITY account.
- Receiver data that is uploaded at the clinic will then be available for the patient to view in their Dexcom CLARITY account as well as the clinic Dexcom CLARITY account.
- Patients or clinics can stop sharing at any time

Step 3: Dexcom CLARITY Reviewing Data - Clinic



Upload and Review Data - Clinic

- After the patient returns the receiver, visit Dexcom CLARITY to upload the glucose data. To access Dexcom CLARITY on the web:
 1. Go to **clarity.dexcom.eu/professional**
 2. Enter your Dexcom account username and password
 - To upload data for each patient in clinic:
 1. Add or select a patient from the Patient List
 2. Click Upload data
 3. Connect the CGM per the instructions provided on the screen
 4. Click Install or Upload
 5. View, save and print reports as needed
 - If using the Dexcom G6 app while connected to the internet, patients are sending their glucose data automatically and continuously to their Dexcom CLARITY account
 - To review the data, complete the following steps in your CLARITY for Healthcare Professionals account:
 1. Click Patient List
 2. Click the patient's name you want to invite
 3. Click Share Data
 4. Select Print an Invitation to view or print
 5. Help patients authorise sharing with the Dexcom CLARITY app
 - Install the Dexcom CLARITY app on their compatible smart phone*
 - Log in with their personal Dexcom account information, as needed
 - Tap Share and follow the onscreen instructions
 - Type in the Sharing Code provided on the invitation in the section above
- * **Tip:** You may wish to complete this step in the initial appointment to enable viewing of the data throughout the week
- For more information, see the *Dexcom CLARITY User Guide for Clinics*, available on the HCP section of the AMSL Diabetes website: **amsldiabetes.com.au/resources**
- ***Tip:** for further support, visit dexcom.com/en-AU/downloadsandguides

Dexcom Product Information



Indications for use:

- The Dexcom G6 (Dexcom G6 or G6) Continuous Glucose Monitoring System is a glucose-monitoring system indicated for persons with type 1 diabetes age 2 years or older. The Dexcom G6 system is designed to replace fingerprick blood glucose testing for treatment decisions
- Interpretation of the Dexcom G6 System results should be based on the glucose trends and several sequential readings over time. The Dexcom G6 system also aids in the detection of episodes of hyperglycaemia and hypoglycaemia, facilitating both acute and long-term therapy adjustments
- The Dexcom G6 system is intended for use by patients at home and in healthcare facilities

Contraindications:

- **No MRI/CT/Diathermy - MR Unsafe**
 - Advise patient not to wear CGM (sensor, transmitter, receiver, or smart device) for magnetic resonance imaging (MRI), computed tomography (CT) scan, or high-frequency electrical heat (diathermy) treatment. The Dexcom G6 has not been tested in those situations. The magnetic fields and heat could damage the components of the Dexcom G6, which may cause it to display inaccurate Dexcom G6 sensor glucose readings or may prevent alerts. Without Dexcom G6 readings or alarm/alert notifications, your patient might miss a severe low or high glucose event

Warnings:

- **Read user material**
 - Before your patient uses G6, advise them to carefully read the materials included with it. If they do not, they might:
 1. Not use G6 correctly
 2. Not understand G6 information
 3. Affect how well it works
- **Advise patient to never ignore low/high symptoms**
 - Patients should not ignore how they feel. If their glucose alerts and G6 readings do not match what they are feeling, they should use their blood glucose meter to make diabetes treatment decisions or, if needed, seek immediate medical attention
- **No number, no arrow, no CGM treatment decision**
 - If your patients' G6 does not show a number or arrow, or their G6 readings do not match their symptoms, they should use their meter to make diabetes treatment decisions. No number, no arrow, no treatment decision. Advise your patient, when in doubt get their meter out
- **Do not use if...**
 - Your patient should not use G6 if they are pregnant, on dialysis, or critically ill. It is not known how different conditions or medications common to these populations may affect performance of the system. G6 readings may be inaccurate in these populations

Advise your patient to follow G6 instructions. If they do not, they could have a severe low or high glucose event.

Precaution:

- **Advise patient to avoid sunscreen and insect repellent**
 - Some skin care products, such as sunscreens and insect repellents, can make the plastic used in the G6 crack. Advise your patient before using the G6 to make sure there are no cracks in their receiver, transmitter, and transmitter holder. If they find a crack, advise them to contact their local AMSL Diabetes representative. Advise your patient they should not allow these skin care products to contact their G6, and after using any skin care products, they should wash their hands before touching the G6. Advise your patient if any skin care products get on the G6, immediately wipe with a clean cloth

For more safety information on the Dexcom G6 system, please refer to the *Dexcom G6 User Guide*.

Notes



A series of horizontal lines for writing notes.

Notes





Shop



Events



Resources

amsldiabetes.com.au

For more information or for assistance, please contact AMSL Diabetes on **1300 851 056** or at **diabetes@amsl.com.au**

amsldiabetes.com.au    

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