Medtronic's Guardian Connect measures glucose and a new reading is available every five minutes. The device includes a sensor that is inserted under the skin, a rechargeable transmitter, and requires a smartphone compatible with the Guardian Connect app. Data can be viewed on the app or on a computer. The device can be worn for up to 7 days and uses BlueTooth technology to transmit data.

The Guardian Connect can be integrated with the Medtronic app, which helps to analyze glucose patterns. It can also sync up to CareLink, so you can share your data with your diabetes care team. The device can predict where glucose levels are headed, and alert you before you have a high or low so you can take action to prevent it. Personalized alerts can be programmed by the user. The urgent low glucose alert is set to 55 mg/dl, which will be received regardless of other settings.

Other Features and Considerations

- A cell phone is required to view the data and hear the alarms, there is no other receiver for the Guardian Connect.
- If the person wearing the device enables "Do Not Disturb" on the phone, they will still receive CGM alerts.
- Calibrations are required every 12 hours.
- Acetaminophen (Tylenol) interferes with glucose readings.
- This CGM is not compatible with the Medtronic MiniMed insulin pumps. This CGM uses BlueTooth technology; MiniMed pumps use radio frequency technology to communicate with the Guardian III sensor.

Calibrating the Guardian Connect

The Guardian Connect requires a minimum of two calibrations per day, but works best when calibrated 3-4 times a day. It cannot be used without calibrations.

- Only do calibrations when the trend arrows are steady (not going up or down).
- Be sure you have clean hands before checking your blood glucose with a meter.
- Enter the number into the CGM immediately.
- Calibrate when the numbers on your CGM and meter are not more than 30% apart. Remember, CGM measure interstitial fluid, whereas blood glucose meters measure the plasma blood glucose. The numbers will always be different on the two devices but you don't want them to be widely different.
- Be cautious not to over-calibrate.
- Always ensure you have calibrated before going to bed.

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This document is not intended to take the place of the care and attention of your personal physician or other professional medical services. Our aim is to promote active participation in your care and treatment by providing information and education. Questions about individual health concerns or specific treatment options should be discussed with your physician.

Recommended

Glucose Monitoring

CGM Benefits

CGM and Flash Monitoring Comparison

Product Website

Medtronic Guardian Connect

Other Resources

Diabetes Wise