



INSTRUCTIONS FOR THE CONTINUOUS GLUCOSE MONITORING— SENSOR INITIALIZATION AND RETURN STATUS (CGMR) FORM

I. General Instructions

The Continuous Glucose Monitoring Sensor Initialization and Return Form is administered by ARIC field center staff after the participant has completed any necessary consent forms. This form asks about temporary CGM exclusion criteria as well as the sensor serial number and sensor application date to be able to track the sensor back to the correct participant.

Two occurrences of the CGMR form are allowed. You should use the second occurrence of the form if the participant receives a replacement CGM sensor only.

Before starting the CGMR form, ensure that the participant does not have a history of adhesive allergies, a heart pacemaker, or a defibrillator (AICD) and that the participant is able to mail or otherwise return the CGM sensor back to the clinic. These exclusions can be verified by viewing the Participant Snapshot report or items 3 and 4 on the PSA12 form. If a participant is ineligible to be recruited for CGM participation, mark the CGMR form as permanently missing in the form grid.

If the participant is pre-eligible and not interested in participating in CGM, then please record the reason why in item 0c.

The CGMR form also asks about the CGM Sensors' Return Status and is completed by ARIC field center staff after the participant returns a CGM sensor to the clinic. It tracks if the participant returned their CGM sensor, number of days the device was worn, the date the device was returned to clinic, and when the clinic shipped the device to Abbott.

II. Detailed Instructions for Each Item

0a. Enter the date the form was completed.

0b. Enter the staff code of the person who completed this form.

0c. If the participant is interested in participating in the CGM ancillary study, mark "Yes".

0c1. If the participant indicates they are not interested in participating in the CGM ancillary study, record the reason why not.

A. CGM Sensor Exclusion Information

1. Record whether the participant has a diathermy treatment scheduled in the following 15 days. Note: The FDA guidelines no longer consider wearing a CGM a contraindication to having an MRI, a CT scan or X-rays. If "Yes," skip to item 3.

2. This question has been disabled.

3. This question is only asked if the participant meets any of the temporary exclusion criteria in item 1. If the participant responds “Yes” that they are willing to participate in the CGM study at a later date, further recruitment attempts may be made starting at least two weeks after the initial recruitment attempt. Record the participant’s response, then save and close the form.

B. CGM Sensor Initialization Information

If no sensor exclusion criteria in Part A were met, record the CGM Sensor Initialization Information in items 4 and 5.

4. Record the sensor serial number. There are two acceptable methods to record the sensor serial number outlined below:
 - a. The preferred method is to use a QR barcode scanner to scan the QR code on the yellow CGM sensor box directly into CGM item #4. When scanned in this way, the serial number will be 50 characters long with 48 alphanumeric characters and 2 double-sided arrows. The serial number is the 9-character alphanumeric string found next to the “SN” box on the CGM sensor pack. **DO NOT** add or remove characters from the scanned serial number. If scanned, special characters (arrows, symbols, etc.) can be left in the field. Please note, when the SN is scanned from the QR code many of the characters are extraneous, but the correct serial number can be extracted from the scanned text. The SN starts with the number “0” which will match the 9-digit number on the CGM package. See example in Figure 2 below:

Figure 1. The serial number is entered by scanning the QR code on the Yellow Sensor Box.



Figure 2. Scan the serial number directly into CGMR#4. Do not remove any characters. Ensure that the alphanumeric characters (highlighted) match the serial number on the sensor application pack.

4. CGM sensor serial number 01003575998180051724022910T60001191→210FAHMMW1U→91

- b. An alternative method to record the sensor serial number is to hand type the serial number into CGMR#4. The sensor serial number is a nine-character alphanumeric string (ex. "0FAHMMW1U") that can be found next to the **SN** on the sensor pack. If you choose to use this method, be especially careful to ensure that the serial number is entered correctly. It is important to record this identifier correctly so that the sensor can be tracked back to the proper participant. Review the serial number and remove any special characters (anything that is not numbers, characters, or letters). See example below:

Figure 3. The 9-character sensor serial number can be found on the top of the CGM sensor pack (highlighted).



Figure 4. The 9-character string can be entered by hand into CGMR#4.

B. CGM Sensor Initialization Information

4. CGM sensor serial number 0F27HUMTT

5. Record the date that the sensor was applied to the participant.

5a. Record the time that the sensor was applied to the participant using a 24-hour clock (HH:MM) from the computer time or a clock that automatically syncs to Coordinated Universal Time (UTC), e.g., cell-phone that is connected to the internet. Do not round to nearest 5 minutes.

5b. Record the time on the reader display when the sensor was applied. Do not round the time recorded. Record the time exactly as even a minute difference can change the CGM reading calibration.

5c. Record the number (#) on the reader (this is the number that was written using a permanent marker and will range from 1 to 9).

C. CGM Sensor Return Information

6. Indicate whether the participant returned the device. If "No," save and close the form.

7. Specify how many days the participant wore the device (up to 15 days).

8. Record the date the device was returned to clinic (MM/DD/YYYY).

9. Record the date the device was shipped to Abbott (MM/DD/YYYY)

Notes:

- Do not change the time on the reader display
- The readers must remain charged at all times. If a reader completely loses charge it will need to be sent to Abbott to be re-set.
- For more information refer to MOP39.