

Information for patients attending an MRI Scan with an Abbott FreeStyle Libre Continuous Glucose Monitor



You have been asked to attend for an MRI scan. As you have diabetes and have an Abbott FreeStyle Libre Continuous Glucose Monitor (CGM) there are some risks that you need to be aware of.

Background

Abbott FreeStyle CGM sensors (the **Libre 2**, **Libre 2 Plus**, **Libre 3**, and **Libre 3 Plus**) are safe to scan in the United States (US) under specific MRI scanning conditions. The US sensors are the same as the sensors sold and prescribed in the UK, but the MRI safety labelling is yet to be updated in the UK and Europe.

Given the guidance in the US, NHS Greater Glasgow and Clyde policy is to allow patients with Abbott FreeStyle Libre 2/2+ and 3/3+ sensors to have an MRI Scan following the US conditions for safe MRI scanning.



Risks

You should be aware of the following potential complications with your scan.

- There is a low risk that the FreeStyle Libre sensor could dislodge during your MRI scan.
- There is also a risk that the sensor could stop working due to being exposed to a strong magnetic field.
- MRI scans can cause the thermal heating of implants and there is a potential risk of heating and, or a burn. However, your MRI scan settings will follow the US conditions for safe scanning to reduce this risk as much as possible. We consider the risk of this scenario to be low.

Managing your diabetes

You should be aware that **the Freestyle Libre sensor will provide inaccurate readings during and up to one hour after your MRI scan**. You should not use the sensor's reported readings to manage your diabetes during this time period. After one hour, the sensor's readings will return to normal, and you can use the sensor readings. If you don't have another method for monitoring your blood glucose levels and this is problematic for you, we can reschedule your MRI scan.

If you use an insulin or infusion pump, you **must** remove this before entering the MRI scanner room. You should not reconnect your pump to the sensor until the sensor readings can be used again.

If you have any questions or concerns, please discuss this with your referring clinician or a radiographer.

If you are happy to proceed with your MRI scan, please fill in the information below:

First name(s): _____ Surname: _____
Signature: _____ Date: _____

TO BE COMPLETED BY MRI STAFF POST-SCAN - Please record **when the CGM readings will return to normal** (i.e. one hour after the patient has left the MRI room) and provide a copy to the patient/carer/ward.

Date: ____ / ____ / ____

Time: ____ : ____

Staff Initials: _____

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