Hi {{email\_recipient}}

Patient Name: {{patient\_name}}

MRN: {{MRN}}

DoB: {{DoB}}

Referred for: {{referred\_for}}

The dual chamber PPM and lead system below is an MR Conditional system.

|  |  |  |  |
| --- | --- | --- | --- |
| **Component** | **Manufacturer** | **Model** | **Implantation date** |
| PPM | Medtronic | {{CIED\_model}} | {{gen\_implantation\_date}} |
| RA Lead | Medtronic | {{RA\_Lead}} | {{ra\_implantation\_date}} |
| RV Lead | Medtronic | {{RV\_Lead}} | {{rv\_implantation\_date}} |

The Siemens Aera (1.5 T) at Hammersmith Hospital meets the specified scanner conditions and therefore the patient can be scanned during a dedicated clinical list, with support from cardiac physiology. I will add a note to Soliton with this information.

**Please read the attached documentation** from the manufacturer, which includes radiological and cardiology conditions, which **must**be followed.

Also note the following:

* Program MRI SureScan mode to On before scanning
* Scan the patient in **Normal Mode** only
* Continuously monitor the patient throughout including pulse oximetry or ECG
* There are no restrictions on the placement of receive-only coils
* If patient rescue is required, an external defibrillator must be immediately available
* If the patient’s haemodynamic function is compromised during the MRI scan, discontinue the scan, remove the patient from the magnet room, and take the proper measures to restore the patient’s haemodynamic function

Finally, please ensure any **additional implants**are noted and that their scanning conditions are followed.

Please let us know if you have any further questions.

**Disclaimer statement:**

Although we can advise on the MR Conditionality of the combination of a generator and the components, and whether Radiology conditions can be met, we cannot advise on whether Cardiology conditions are met and therefore the implant position, lead lengths, port connections etc. should be checked and the status confirmed by Cardiac Physiology. Abandoned/unconnected leads must be confirmed by Chest Xray, as per the SOP.

Kind regards

Guy

**Guy Brown**

MR Physicist

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REF: {{MRSCL\_ref}}