

ABBOTT MRI READY SYSTEM

MRI Scan Clinician Checklist

Patient Name: _____ Date of Birth: _____

Device Information:

Pacemaker Manufacturer: _____ Product Model #: _____

ICD Manufacturer: _____ Product Model #: _____

Lead Information:

RA: Yes No | Manufacturer: _____ Product Model #: _____ Lead Length: _____

RV: Yes No | Manufacturer: _____ Product Model #: _____ Lead Length: _____

LV: Yes No | Manufacturer: _____ Product Model #: _____ Lead Length: _____

STEPS FOR AN MRI SCAN^a CARDIOLOGY DEPARTMENT

Please refer to the Abbott MRI Ready Systems Manual at <https://medical.abbott/manuals>

MRI SYSTEM CONDITIONS	YES	NO						
Patient has a complete MRI Ready System with MR Conditional pulse generator and lead(s).	<input type="checkbox"/>	<input type="checkbox"/>						
Confirm the absence of lead extenders, lead adapters, and broken or abandoned leads. <small>*Scanning patients who have other MR Conditional devices that are not implanted in cardiac tissue is acceptable provided all MR Conditional requirements for each implanted device are met.</small>	<input type="checkbox"/>	<input type="checkbox"/>						
Lead impedance measurements are within the programmed lead impedance limits.	<input type="checkbox"/>	<input type="checkbox"/>						
Pulse generator is implanted in the left or right pectoral region.	<input type="checkbox"/>	<input type="checkbox"/>						
Pulse generator has sufficient battery (not at end-of-life EOL).	<input type="checkbox"/>	<input type="checkbox"/>						
PRE MRI SCAN DEVICE SETTINGS	YES	NO						
Confirm pacing capture thresholds are stable.	<input type="checkbox"/>	<input type="checkbox"/>						
Confirm capture threshold ≤ 2.5 V at a pulse width of 0.5 ms for RA and RV lead(s).	<input type="checkbox"/>	<input type="checkbox"/>						
Confirm capture threshold of ≤ 2.0 V at a pulse width of 0.5 ms for the LV lead.	<input type="checkbox"/>	<input type="checkbox"/>						
Confirm MRI Settings status and the programmed MRI Mode setting. Please select a pacing rate to avoid competitive pacing: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">MRI Pacing Mode</td> <td style="width: 50%;">MRI Pacing Rate</td> </tr> <tr> <td><input type="checkbox"/> DOO (Bipolar) <input type="checkbox"/> AOO (Bipolar)</td> <td><input type="checkbox"/> _____ bpm</td> </tr> <tr> <td><input type="checkbox"/> VOO (Bipolar) <input type="checkbox"/> Pacing Off</td> <td><input type="checkbox"/> Other: _____</td> </tr> </table>	MRI Pacing Mode	MRI Pacing Rate	<input type="checkbox"/> DOO (Bipolar) <input type="checkbox"/> AOO (Bipolar)	<input type="checkbox"/> _____ bpm	<input type="checkbox"/> VOO (Bipolar) <input type="checkbox"/> Pacing Off	<input type="checkbox"/> Other: _____		
MRI Pacing Mode	MRI Pacing Rate							
<input type="checkbox"/> DOO (Bipolar) <input type="checkbox"/> AOO (Bipolar)	<input type="checkbox"/> _____ bpm							
<input type="checkbox"/> VOO (Bipolar) <input type="checkbox"/> Pacing Off	<input type="checkbox"/> Other: _____							
REMINDER: It is required to program the device to MRI Settings as part of the MRI scan workflow.								
<u>For pacemakers ONLY:</u> if the SJM MRI Activator™ handheld device is used, ^b verify that it has been enabled using the Merlin™ Patient Care System (PCS) programmer.	<input type="checkbox"/>	<input type="checkbox"/>						
Print an MRI summary report of the patient's MRI Settings and permanently programmed parameters. For Gallant™, Entrant™, and Neutrino™ NxT ICDs & CRT-Ds ONLY: If MRI Timeout is programmed, ensure that there is adequate time to complete the MRI scan before MRI Timeout expires.	<input type="checkbox"/>	<input type="checkbox"/>						
POST MRI SCAN DEVICE SETTINGS	YES	NO						
Disable the pulse generator MRI Settings, restoring the permanently programmed settings.	<input type="checkbox"/>	<input type="checkbox"/>						
Confirm the permanently programmed settings are appropriate.	<input type="checkbox"/>	<input type="checkbox"/>						
Check the pacing capture thresholds after the scan to ensure that the pacing parameters are programmed adequately for the patient based on the threshold.	<input type="checkbox"/>	<input type="checkbox"/>						

Physician Name: _____ Date: _____

Physician Signature: _____



STEPS FOR AN MRI SCAN^a RADIOLOGY DEPARTMENT

Please refer to the Abbott MRI Ready Systems Manual at <https://medical.abbott/manuals>

MRI SCAN CONDITIONS	YES	NO
Confirm patient has a complete MRI Ready System with MR Conditional pulse generator and leads(s).	<input type="checkbox"/>	<input type="checkbox"/>
Confirm that no adverse conditions to MRI scanning are present.	<input type="checkbox"/>	<input type="checkbox"/>
Select the correct Scan Parameters for your MRI equipment.	<input type="checkbox"/>	<input type="checkbox"/>
Confirm the MRI Settings status (MRI Settings must be enabled before the scan). For Gallant™, Entrant™, and Neutrino™ NxT ICDs & CRT-Ds ONLY: If MRI Timeout is programmed, ensure that there is adequate time to complete the MRI scan before MRI Timeout expires. Patient must exit MRI scanner before (time and date) _____	<input type="checkbox"/>	<input type="checkbox"/>
Perform the scan and monitor the patient.	<input type="checkbox"/>	<input type="checkbox"/>
After patient receives MRI scan, disable the pulse generator MRI Settings. Note: If you are not using the SJM MRI Activator™ handheld device, the MRI Settings must be disabled by the patient's device management physician, clinician or Abbott representative using the Merlin™ PCS programmer.	<input type="checkbox"/>	<input type="checkbox"/>
IF SJM MRI ACTIVATOR DEVICE IS USED ^b (ONLY WITH PACEMAKERS)	YES	NO
Check MRI Settings status using the SJM MRI Activator handheld device.	<input type="checkbox"/>	<input type="checkbox"/>
If MRI Settings are not enabled, enable MRI Settings before the MRI scan using the SJM MRI Activator handheld device.	<input type="checkbox"/>	<input type="checkbox"/>
After patient receives MRI scan, disable MRI Settings using the SJM MRI Activator handheld device.	<input type="checkbox"/>	<input type="checkbox"/>

Technical Support

Abbott maintains 24-hour phone lines for technical questions and support:

1-818-362-6822

1-800-722-3774 (toll-free within North America)

+46 8 474 4147 (Sweden)

+ 61 2 9936 1200 (Australia)

<https://medical.abbott/manuals>

For additional assistance, call your local Abbott representative.

Physician Name: _____ Date: _____

Physician Signature: _____

- a. For any additional information, including warnings, precautions, and potential adverse events, please refer to the Abbott MRI Ready Systems Manual at <https://medical.abbott/manuals> or visit cardiovascular.abbott/mrireaddy.
- b. Do not bring any external devices, such as the Merlin™ PCS Programmers, SJM MRI Activator™ device or a smart phone or tablet running a mobile application, into the scanner magnet room (Zone IV).

This document is intended to be used as a guide for health care facilities.

Abbott

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Rx Only

Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

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