![Abbott logo]

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: _____ Implant Location: _____

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

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

STEPS FOR AN MRI SCAN[a] CARDIOLOGY DEPARTMENT

Please refer to the Abbott MRI-Ready Systems Manual at manuals.eifu.abbott

MRI SYSTEM CONDITIONS	YES	NO
Patient has a complete MRI-Ready System with MR Conditional pulse generator and lead(s).	☐	☐
Confirm the absence of lead extenders, lead adapters, and broken or abandoned leads.[1] *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. Scanning patients who have other MR Conditional devices implanted in cardiac tissue that are at least 2 cm from the lead electrodes is acceptable provided all MR Conditional requirements for each implanted device are met. [1]Abandonded leads include, but are not limited to, implanted leads with any connector(s) not plugged into the device.	☐	☐
Lead impedance measurements are within the programmed lead impedance limits.	☐	☐
Pulse generator is implanted in the left or right pectoral region. **For Quadra Allure™ CRT-Ps with Tendril™ STS or UltiPace™ Pacing Leads ONLY:** Lead(s) implanted in right atrium and/or right ventricle.	☐	☐
Pulse generator has sufficient battery (not at end-of-life EOL).	☐	☐
PRE-MRI SCAN DEVICE SETTINGS	**YES**	**NO**
Confirm pacing capture thresholds are stable.	☐	☐
Confirm capture threshold ≤ 2.5 V at a pulse width of 0.5 ms for RA and RV lead(s).	☐	☐
Confirm capture threshold of ≤ 2.0V at a pulse width of 0.5 ms for the LV lead.	☐	☐
Confirm MRI Settings status and the programmed MRI Mode setting. Please select a pacing rate to avoid competitive pacing: **MRI Pacing Mode** **MRI Pacing Rate** ☐ DOO (Bipolar) ☐ AOO (Bipolar) ☐ _____ bpm ☐ Other: _____ ☐ VOO (Bipolar) ☐ Pacing Off ☐ Intrinsic rate + _____ bpm **REMINDER:** It is required to program the device to MRI Settings as part of the MRI scan workflow.		
For pacemakers ONLY: if the SJM MRI Activator™ handheld device is used,[b] verify that it has been enabled using the Merlin™ Patient Care System (PCS) programmer.	☐	☐
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.	☐	☐
POST-MRI SCAN DEVICE SETTINGS	**YES**	**NO**
Disable the pulse generator MRI Settings, restoring the permanently programmed settings.	☐	☐
Confirm the permanently programmed settings are appropriate.	☐	☐
Check the pacing capture thresholds after the scan to ensure that the pacing parameters are programmed adequately for the patient based on the threshold.	☐	☐

Physician Name: _____ Date: _____

Physician Signature: _____

STEPS FOR AN MRI SCAN RADIOLOGY DEPARTMENT

Please refer to the Abbott MRI-Ready Systems Manual at manuals.eifu.abbott

MRI SCAN CONDITIONS	YES	NO
Confirm patient has a complete MRI-Ready System with MR Conditional pulse generator and leads(s).	☐	☐
Confirm that no adverse conditions to MRI scanning are present.	☐	☐
Select the correct Scan Parameters for your MRI equipment.	☐	☐
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) _____	☐	☐
Perform the scan and monitor the patient.	☐	☐
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.	☐	☐
IF SJM MRI ACTIVATOR DEVICE IS USED[b] (ONLY WITH PACEMAKERS)	YES	NO
Check MRI Settings status using the SJM MRI Activator handheld device.	☐	☐
If MRI Settings are not enabled, enable MRI Settings before the MRI scan using the SJM MRI Activator handheld device.	☐	☐
After patient receives MRI scan, disable MRI Settings using the SJM MRI Activator handheld device.	☐	☐

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)

manuals.eifu.abbott

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 manuals.eifu.abbott or visit cardiovascular.abbott/mriready.

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.