

Cardiology Order Form

Off-Label MRI Scan

PATIENT NAME _____

D.O.B. _____

An MRI scan has been requested for this patient. Because **NOT ALL CONDITIONS OF USE HAVE BEEN MET**, the scan is off-label. Boston Scientific labeling warns of potential risks for off-label MRI scans and does not promote nor encourage this use.

RESOURCES

- ▶ Boston Scientific MRI Technical Guide, ImageReady™ MR-Conditional Pacing System, Transvenous Defibrillation System, and S-ICD System
- ▶ www.BostonScientific.com/imageready
- ▶ Boston Scientific MRI Hotline 1.844.4.BSC.MRI (1.844.427.2674)

IMPLANTED CARDIAC DEVICE / LEAD MODEL #s

	DEVICE	ATRIAL LEAD	RV LEAD	LV LEAD	S-ICD ELECTRODE
Pacemaker					
CRT-P					
Transvenous ICD					
CRT-D					
S-ICD					

NOTE

The device-following clinician to order device programming parameters. See BSC programming options below and on reverse side for device programming parameters during MRI scan.

The following information is in response to an order for an MRI scan for a patient with a BSC system that is off-label. This information is provided to aid the clinician in ordering device programming and is intended solely to answer questions to help ensure patient readiness and safety.

SELECT 1 of 3 PACEMAKER Options

1 Pacing Parameters
Select or

Pacing Mode DOO VOO AOO DDI VVI AAI DDD VDD Pacing OFF
 Pacing Rate _____ PPM or 10 PPM above patient intrinsic
 AV Delay _____ ms RV Amplitude _____ V@ _____ ms PW Atrial Amplitude _____ V@ _____ ms PW
 Disable magnet response if pacing is enabled. (Recommended)

2 Electrocautery Protection Mode
Select or

▶ Provides asynchronous pacing in chamber(s) for which 1) normal pacing is enabled; 2) rate is at programmed LRL, output is normal pacing amplitude and pulse width; or 3) no pacing if Brady Pacing is OFF. Magnet function is disabled.

3 MRI Protection Mode
Select

▶ Provides asynchronous pacing (selectable chambers) at 1) programmable voltage; or 2) no pacing. Magnet function is disabled. AV Delay fixed at 100ms. Pulse Width fixed at 1.0ms.

Pacing Mode DOO VOO AOO Pacing OFF
 Pacing Rate _____ PPM or 10 PPM above patient intrinsic RV Amplitude _____ V@1.0 ms PW Atrial Amplitude _____ V@1.0 ms PW
 MRI Protection Time-out 3 H 6 H 9 H 12 H 24 H 48 H Time-out OFF
 Do not leave the pulse generator in MRI Protection Mode any longer than necessary following the scan.

ATTENTION

If MRI Protection Time-out is programmed OFF, and Brady Mode is OFF, the patient will not receive pacing until reprogrammed.

SELECT 1 of 3 CRT-P Options

ATTENTION

When choosing Brady Mode, consider 1) whether pacing is required; 2) which chamber(s) need to be paced; and 3) risk of worsening heart failure due to loss of CRT and/or AV synchrony.

1 Pacing Parameters
Select or

Ventricular Pacing Chamber BiV RV-only Pacing Mode DOO VOO AOO DDI VVI AAI DDD VDD
 Pacing Rate _____ PPM or 10 PPM above patient intrinsic Pacing OFF
 Atrial Amplitude _____ V@ _____ ms PW AV Delay _____ ms
 RV Amplitude _____ V@ _____ ms PW LV Amplitude _____ V@ _____ ms PW

Disable magnet response if pacing is enabled. (Recommended)

2 Electrocautery Protection Mode
Select

▶ Provides asynchronous pacing in chamber(s) for which 1) normal pacing is enabled; 2) rate is programmed LRL, output is normal pacing amplitude and pulse width, and pacing is always BiV at zero LV offset; or 3) no pacing if Brady Pacing is OFF. Magnet function is disabled.

3 MRI Protection Mode
Select

▶ Provides asynchronous pacing (selectable chambers) at 1) programmable voltage; or 2) no pacing. Magnet function is disabled. AV Delay fixed @ 100 ms. Pulse Width fixed for RV/RA @ 1.0 ms, programmable for LV.

Ventricular Pacing Chamber BiV RV-only Pacing Mode DOO VOO AOO Pacing OFF
 Pacing Rate _____ PPM or 10 PPM above patient intrinsic
 Atrial Amplitude _____ V@ 1.0 ms PW
 RV Amplitude _____ V@ 1.0 ms PW LV Amplitude _____ V@ _____ ms PW
 MRI Protection Time-out 3 H 6 H 9 H 12 H 24 H 48 H Time-out OFF

Do not leave the pulse generator in MRI Protection Mode any longer than necessary following the scan.

ATTENTION

If MRI Protection Time-out is programmed OFF, and Brady Mode is OFF, the patient will not receive pacing until reprogrammed.

DATE _____

PHYSICIAN SIGNATURE _____

PHYSICIAN NAME _____

SELECT 1 of 3 TRANSVENOUS ICD Options

ATTENTION When choosing Brady Mode, consider 1) whether pacing is required; 2) which chamber(s) needs to be paced; and 3) risk of induction of VT / VF with asynchronous ventricular pacing.

1 Pacing Parameters
 Select or

Pacing Mode DDI VVI AAI DDD VDD Pacing OFF Disable Tachy Therapy (Recommended)
 Pacing Rate _____ PPM Atrial Amplitude _____ V@ _____ ms PW AV Delay _____ ms
 RV Amplitude _____ V@ _____ ms PW

2 Electrocautery Protection Mode
 Select or

▶ Provides asynchronous pacing in chamber(s) for which 1) normal pacing is enabled; 2) rate is at programmed LRL, output is normal pacing amplitude and pulse width; or 3) no pacing if Brady Pacing is OFF. Tachy Therapy is disabled. Magnet function is disabled.

3 MRI Protection Mode
 Select

▶ Provides asynchronous pacing (selectable chambers) at 1) programmable voltage; or 2) no pacing. Tachy Therapy is disabled. Magnet function is disabled. Pulse Width fixed at 1.0ms.

Pacing Mode DOO VOO AOO Pacing OFF
 RV Amplitude _____ V@ 1.0 ms PW Pacing Rate _____ PPM or 10 PPM above patient intrinsic
 Atrial Amplitude _____ V@ 1.0 ms PW
 MRI Protection Time-out 3 H 6 H 9 H 12 H Time-out OFF

Do not leave the pulse generator in MRI Protection Mode any longer than necessary following the scan.

ATTENTION If MRI Protection Time-out is programmed OFF, the patient will not receive Tachy Therapy, and the pacing options are limited to 1) OFF; or 2) asynchronous until the pulse generator is programmed out of MRI Protection Mode and back to normal operation.

NOTE Beeper may no longer be usable following MRI scan.

SELECT 1 of 3 CRT-D Options

ATTENTION When choosing Brady Mode, consider 1) whether pacing is required; 2) which chamber(s) needs to be paced; 3) risk of induction of VT / VF with asynchronous ventricular pacing; and 4) risk of worsening heart failure due to loss of CRT and/or AV synchrony.

1 Pacing Parameters
 Select or

Ventricular Pacing Chamber BiV RV-only Pacing Mode DDI VVI AAI DDD VDD Pacing OFF
 Pacing Rate _____ PPM Atrial Amplitude _____ V@ _____ ms PW AV Delay _____ ms
 RV Amplitude _____ V@ _____ ms PW LV Amplitude _____ V@ _____ ms PW
 Disable Tachy Therapy (Recommended)

2 Electrocautery Protection Mode
 Select or

▶ Provides asynchronous pacing in chamber(s) for which 1) normal pacing is enabled; 2) rate is at programmed LRL; output is normal pacing amplitude and pulse width, and pacing is always BiV at zero LV offset; or 3) no pacing if Brady Pacing is OFF. Tachy Therapy is disabled. Magnet function is disabled.

3 MRI Protection Mode
 Select

▶ Provides asynchronous pacing (selectable chambers) at 1) programmable voltage; or 2) no pacing. Tachy therapy is disabled. Magnet function is disabled. AV Delay fixed @ 100 ms. Pulse Width fixed for RV/RA @ 1.0 ms, programmable for LV.

Ventricular Pacing Chamber BiV RV-only Pacing Mode DOO VOO AOO Pacing OFF
 Pacing Rate _____ PPM or 10 PPM above patient intrinsic
 Atrial Amplitude _____ V@ 1.0 ms PW
 RV Amplitude _____ V@ 1.0 ms PW LV Amplitude _____ V@ _____ ms PW
 MRI Protection Time-out 3 H 6 H 9 H 12 H Time-out OFF

Do not leave the pulse generator in MRI Protection Mode any longer than necessary following the scan.

If MRI Protection Time-out is programmed to OFF, the patient will not receive Tachy Therapy, and the pacing options are limited to 1) OFF; or 2) asynchronous until the pulse generator is programmed out of MRI Protection Mode and back to normal operation.

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SELECT 1 of 2 S-ICD Options

1 Tachy Therapy
 Select or

Disable Tachy Therapy

2 MRI Protection Mode
 Select

▶ Tachy Therapy is disabled. Magnet function is disabled.

MRI Protection Time-out 6 H 9 H 12 H 24 H

Do not leave the pulse generator in MRI Protection Mode any longer than necessary following the scan.

NOTE Beeper may no longer be usable following MRI scan.

DATE _____

PHYSICIAN SIGNATURE _____

PHYSICIAN NAME _____