**ImageReady™ Checklist for Cardiology Department**

Refer to the Boston Scientific ImageReady™ MR Conditional Pacing System MRI Technical Guide or link: www.bostonscientific-international.com/MRI

Patient Name: __________________________
Pacemaker Model: ________________________

**Patient Flow**

☐ Ensure patient eligibility for MRI scan (refer to MRI Conditions of Use, see the right column).

☐ As close to start of the scan as possible, program the pulse generator in MRI Protection Mode.
  - The MRI Protection Settings Report is printed, placed in the patient’s file, and provided to radiology personnel.
  - The report documents MRI Mode settings and details. If the Time-out feature is used, the report includes the exact time and date when MRI Protection Mode will expire. (Figure 1).
  - Each lead implanted in the patient is identified, and this information is communicated to the health care professionals involved in performing the MRI scan.

☐ The radiologist checks the patient file and/or printed report. If the Time-out feature is used, the radiologist verifies that adequate time remains to complete the scan.

☐ Patient undergoes scan according to the MRI scan procedure protocol outlined in Technical Guide.

☐ The pulse generator is returned to pre-MRI operation, either using the programmer, or automatically if the Time-out parameter was set. Follow-up testing of the pacing system may be performed.

**MRI Conditions of Use**

The following Conditions of Use must be met in order for a patient with an ImageReady™ Pacing System to undergo an MRI scan.

☐ Patient is implanted with an ImageReady™ MR Conditional Pacing System (see reverse.)

☐ Pulse generator in MRI Protection Mode during scan.

☐ Bipolar pacing operation or pacing off.

☐ Patient does not have elevated body temperature or compromised thermoregulation at time of scan.

☐ Pulse generator implant location restricted to left or right pectoral region.

☐ At least six (6) weeks have elapsed since implantation and/or any lead revision or surgical modification of the MR Conditional Pacing System.

☐ No cardiac-related implanted devices, components, or accessories present other than an ImageReady™ MR Conditional Pacing System.

☐ Pacing threshold ≤ 2.0 V in pace-dependent patients.

☐ No abandoned leads or pulse generators.

☐ No evidence of a fractured lead or compromised pulse generator-lead system integrity.

![Figure 1: Sample MRI Protection Settings Report](image)

Name and signature: __________________________   Date: __________________________
# ImageReady™ MR Conditional Pacing System Quick Reference Guide

Only specific combinations of pulse generators and leads constitute an ImageReady™ Pacing System. Consult the following tables to distinguish between combinations that are valid for use with only 1.5 T scanners and combinations that are valid for use with both 1.5 T and 3 T scanners.

## Valid Combinations of Pulse Generators and Leads to Use in 1.5 T and 3 T Environments*

<table>
<thead>
<tr>
<th>Component</th>
<th>INGEVITY™ MRI Leads</th>
<th>FINELINE™ II Leads</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCOLADE™</td>
<td>3T or 1.5T</td>
<td>1.5T</td>
</tr>
<tr>
<td>PROPONENT™</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ESSENTIO™</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VITALIO™ MRI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FORMIO™ MRI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADVANTIO™ MRI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INGENIO™ MRI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRI Scanner Operating Mode</td>
<td>Normal Operating Mode or First Level Controlled Operating Mode</td>
<td>Normal Operating Mode</td>
</tr>
</tbody>
</table>

## Warnings:

- The combined use of a FINELINE™ II lead and an INGEVITY™ MRI lead with a Boston Scientific MR Conditional pulse generator has not been evaluated and does not constitute an ImageReady™ MR Conditional Pacing System.
- Only the combination of INGEVITY™ MRI lead(s) with an ESSENTIO™ MRI, PROPONENT™ MRI, or ACCOLADE™ MRI pulse generator is valid to use with either 1.5 T or 3T scanners. All other allowable combinations of Boston Scientific MR Conditional system components must use only 1.5 T scanners.

## ImageReady™ MR Conditional Pacing System Components for 1.5T and 3T

### Pulse Generators

<table>
<thead>
<tr>
<th>Component</th>
<th>Model Number(s)</th>
<th>MR Status</th>
<th>3T</th>
<th>1.5T</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESSENTIO™ MRI</td>
<td>L110, L111, L131</td>
<td>MR Conditional</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>PROPONENT™ MRI</td>
<td>L210, L211, L231</td>
<td>MR Conditional</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>ACCOLADE™ MRI</td>
<td>L310, L311, L331</td>
<td>MR Conditional</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>ADVANTIO™ MRI</td>
<td>J065, J066, J067</td>
<td>MR Conditional</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>INGENIO™ MRI</td>
<td>J175, J176, J177</td>
<td>MR Conditional</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>VITALIO™ MRI</td>
<td>J275, J276, J277</td>
<td>MR Conditional</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>FORMIO™ MRI</td>
<td>J279</td>
<td>MR Conditional</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

### Leads and Accessories

#### INGEVITY™ MRI Leads

- INGEVITY™ MRI Pacing Lead
  - 7731, 7732, 7735, 7736, 7740, 7741, 7742
  - MR Conditional ✓ ✓

- Suture Sleeve for INGEVITY™ MRI Pacing Leads
  - 6402
  - MR Conditional ✓ ✓

- IS-1 Lead-Port Plug
  - 7145
  - MR Conditional ✓ ✓

#### FINELINE™ II Sterox / Sterox EZ Leads

- FINELINE™ II Sterox Pacing Lead
  - 4456, 4457, 4458, 4459, 4479, 4480
  - MR Conditional ✓

- FINELINE™ II Sterox EZ Pacing Lead
  - 4469, 4470, 4471, 4472, 4473, 4474
  - MR Conditional ✓

- Suture Sleeve for FINELINE™ II Pacing Leads
  - 6220, 6221
  - MR Conditional ✓

- IS-1 Lead-Port Plug
  - 7145
  - MR Conditional ✓

#### ZOOM™ LATITUDE™ Programmer/Recorder/Monitor (PRM) and PRM Software Application

- ZOOM™ LATITUDE™ PRM
  - 3120
  - MR Unsafe**

- ZOOM™ LATITUDE™ PRM Software App.
  - 2869
  - Not Applicable

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*Product availability may vary, please contact your local sales representative for additional information.

**The Programmer/Recorder/Monitor (PRM) is MR Unsafe and must remain outside the MRI site Zone III (and higher). Under no circumstances should the PRM be brought into the MRI scanner room, the control room, or the MRI site Zone III or IV areas.