The information provided in this letter is for healthcare providers and Medtronic representatives and applies to the following Medtronic device models:

<table>
<thead>
<tr>
<th>Model number, model name, description (Non-MRI Conditional devices)</th>
<th>MRI Conditional Device Model number, model name, description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1S01DR ENRHYTHM®, dual chamber IPG</td>
<td>P1S01DR ADVISA DR MRI™ SURESCAN®, dual chamber IPG</td>
</tr>
<tr>
<td>C2TR01 SYNCRA™ CRT-P Cardiac Resynchronization Therapy Pacemaker</td>
<td>A3SR01 ADVISA SR MRI™ SURESCAN®, single chamber IPG</td>
</tr>
<tr>
<td>C4TR01 CONSULTA® CRT-P Cardiac Resynchronization Therapy Pacemaker</td>
<td>RVDR01 REVO MRI™ SURESCAN™, dual chamber IPG</td>
</tr>
<tr>
<td>C6TR01 VIVA™ CRT-P Cardiac Resynchronization Therapy Pacemaker</td>
<td></td>
</tr>
</tbody>
</table>

Ablation (RF ablation or microwave ablation) – Ablation is a surgical technique in which radio frequency (RF) or microwave energy is used to destroy cells by creating heat. Ablation used in cardiac device patients may result in, but is not limited to, induced ventricular tachyarrhythmias, oversensing, unintended tissue damage, device damage, or device malfunction.

Pulse-modulated ablation systems may pose higher risk for induced ventricular tachyarrhythmias. Medtronic cardiac devices are designed to withstand exposure to ablation energy. To mitigate risks, observe the following precautions:

- Ensure that temporary pacing and defibrillation equipment is available.
- Avoid direct contact between the ablation catheter and the implanted system.
- Position the return electrode patch so that the electrical current pathway does not pass through or near the device and leads.
- Always monitor the patient during ablation with at least two separate methods, such as arterial pressure display, ECG, manual monitoring of the patient’s rhythm (taking pulse) or monitor by some other means such as ear or finger pulse oximetry, or Doppler pulse detection.

To avoid or mitigate the effects of oversensing, if appropriate for the patient, initiate asynchronous pacing by implementing one of the following precautions;

- Initiate the magnet mode (asynchronous pacing) by placing a magnet over the device.
- Program the device to an asynchronous pacing mode (for example, DOO).

After the ablation procedure, remove the magnet or restore device parameters.
Ablation
RF ablation or microwave ablation
Continued

Labeling


PATIENT MANAGEMENT GUIDANCE

This document is useful to health care professionals who perform medical procedures on patients with Medtronic implanted cardiac device systems and who consult with the patients’ cardiologists.

Additional comments

For further information please contact the following:

- **Technical questions:** Medtronic Technical Services can answer additional questions regarding these device operations. **Device labeling:** For additional device-specific guidance, consult the labeling associated with the device available on the Medtronic Manual Library website at [www.medtronic.com/manuals](http://www.medtronic.com/manuals).

- **Patient questions:** Patients who have questions can contact Medtronic Heart Rhythm Patient Services at 1-800-551-5544, Option 3, email at [pshelp@medtronic.com](mailto:pshelp@medtronic.com), or see [www.medtronic.com/rhythms](http://www.medtronic.com/rhythms) for a variety of resources.