Advisa MRI™
ENGINEERED WITH SURESCAN MRI TECHNOLOGY
What should you expect in today’s leading-edge pacing system? A system that can benefit patients tomorrow as well. The Advisa MRI™ pacing system is designed for safe access to MRI diagnostic imaging with SureScan™ and unparalleled disease insight and management for your patients today. Plus, it has the tools to diagnose and manage the co-morbidities they may develop tomorrow. Our most advanced Advisa MRI pacing system provides your patients unsurpassed capabilities. Innovative features like MVP®, OptiVol®, digital diagnostics and a complete suite of atrial intercedes.

Innovation, Sophistication, Simplicity.
With no compromise.
A pacemaker should not lead to unnecessary right ventricular pacing which has been linked to increased risk of Atrial Fibrillation and Heart Failure, nor should it prevent your patient from undergoing an essential MRI. The Adviva MRI™ pacing system offers technological advances that will not compromise the future care of your patients.

**SureScan™ is designed for safe access to MRI, an unparalleled diagnostic imaging**

- For millions of patients with cardiac devices, MRI scans are unsafe and contraindicated
- 50%-75% of patients with an implantable cardiac device will need an MRI scan over the lifetime of their device
- SureScan pacing systems are the first pacing systems – consisting of the pacemaker and leads – that are designed, tested, and CE Mark-approved for use with MRI when used according to labeling.

**Managed Ventricular Pacing (MVP™)**

Intrinsic conduction when you have it, the safety of pacing when you need it.

- Unnecessary right ventricular (RV) pacing increases the risk of Atrial Fibrillation (AF), Heart Failure hospitalisation, and mortality
- The ESC Guidelines state that in the selection of pacing mode and device, “the trend is towards dual chamber pacing with minimisation of right ventricular stimulation” and the ACC/AHA/HRS guidelines also recognised the importance of minimising unnecessary RV pacing
- Managed Ventricular Pacing (MVP™) is proven to reduce unnecessary RV pacing by 99%
- A strategy of minimising ventricular pacing led to a 40% reduction in the relative risk of developing persistent AF compared to conventional dual chamber pacing

**SAVE PACe TRIAL**

<table>
<thead>
<tr>
<th>Years from Implant/Patients Remaining</th>
<th>Freedom from persistent AF</th>
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<tbody>
<tr>
<td>0.0</td>
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<tr>
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<tr>
<td>3.0</td>
<td>840</td>
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*p = 0.009*
Precise and advanced diagnostics in the Advisa MRI™ pacing system provide you a clear picture of your patient’s condition, now and as it evolves.

Cardiac Compass® Trends provide clear information for detecting atrial arrhythmias and for rapid decision making:
- 14 months of trended data helps monitor results of device and drug therapy changes
- Daily AF burden helps assess rhythm control
- Ventricular rate during AT/AF helps assess rate control
- Daily percent ventricular pacing helps assess reduction of unnecessary pacing
- AF documentation identifies asymptomatic arrhythmias

22 minutes of dual channel high quality stored EGM
- Detection and classification of arrhythmias based on highly sensitive and specific PR Logic algorithm
- Direct insight into onset, morphology, and termination of arrhythmias

OptiVol® Fluid Status Monitoring
Together with the Heart Failure Management Report,8–12 track and monitor fluid changes using intrathoracic impedance measurements.
- OptiVol automatically monitors fluid status to predict worsening Heart Failure13,14
- OptiVol can be used to risk stratify your HF patients for more frequent monitoring13,14
- Available on Medtronic CareLink® Network, enabling a fluid status check from a patient’s home

Carelink® Network
- CareLink Network allows remote device follow-up by transmitting comprehensive arrhythmia and diagnostic data right to your clinic
- Detailed EGM™ Viewer, patient activated EGM storage, displays symptomatic episodes

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Sophisticated therapies like Atrial Antitachycardia Pacing and Rate Drop Response are ready when your patient needs it.

**Atrial tachyarrhythmia tools** help in the early detection and management of AF.
- Antitachycardia Pacing (ATP) Therapies recognise treatable atrial tachycardias quickly and deliver painless ATP to restore sinus rhythm.
- A complete set of additional atrial management features may reduce onset and symptoms:
  - Atrial Preference Pacing (APP) may suppress ectopic beats which can trigger AF
  - Atrial Rate Stabilisation (ARS) may, after a Premature Atrial Contraction (PAC), eliminate the short-long-short atrial activation sequence that may precede an arrhythmia onset
  - Post Mode-switch Overdrive Pacing (PMOP) may help prevent the early recurrence of an atrial tachyarrhythmia
  - Conducted AF Response may reduce symptoms of AT and AF

**Rate Drop Response** identifies abrupt cardiac slowing and responds by pacing the heart at an elevated rate. This may reduce the frequency of syncopal episodes in patients with apparent cardioinhibitory Vasovagal Syncope.

**High Upper Tracking Rates** up to 210 bpm are beneficial for your pediatric patients as well as young and active patients.

How many of your patients suffer from Vasovagal Syncope or Atrial Fibrillation?
Full Automaticity - proven safe, simple, and accurate

With the Advisa MRI™ pacing system, leading-edge innovation and sophistication does not mean complexity. Rather, we’ve built in features for surprising simplicity, offering safety for your patients and ease of use for you.

- Fully automatic pacemaker follow-up means more time with patients, less time with devices
- Atrial and Ventricular Capture Management™ (ACM and VCM) provide confidence in your patients’ safety with automatic threshold measurements and adjustments
- TherapyGuide™ offers easy, patient tailored nominal programming

The Advisa MRI™ Pacing System is right for your patients now and will be right for them in the future – even if they develop comorbidities like Heart Failure or Atrial Tachyarrhythmias, or require an MRI.

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References


*median number
†OptiVol is adjunctive to existing evaluation and assessment tools.

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