MediGuide™ Technology

MediGuide™ System ................................................................. N.1
Livewire™ Diagnostic Catheter, MediGuide Enabled™ ..................... N.2
**MediGuide™ System**

**Description**

The MediGuide™ System is a visualization and navigation system that can display the position and orientation of MediGuide Enabled™ devices (equipped with a MediGuide™ sensor) on both live and prerecorded fluoroscopy in real time. The technology is analogous to a global positioning system (GPS) in that it uses a low-powered electromagnetic field to locate sensors in three-dimensional space. The system then uses this location information to overlay the MediGuide Enabled™ devices on the corresponding fluoroscopy image.

**Product Highlights**

- Provides a platform technology that can be used for multiple applications including simple to complex Electrophysiology procedures and Cardiac Resynchronization Therapy implants
- Associated with a significant reduction in fluoroscopy time and radiation dose with no increase in procedure time\(^1\)
- Functions as a stand-alone system or integrated with the EnSite™ Precision™ Cardiac Mapping System
- Sensor Enabled™ catheters are available for ablation and mapping during EP procedures
- MediGuide Enabled™ CRT tools are tracked without additional fluoroscopy when used with MediGuide™ Technology
- Adjusts automatically for changes in heart rate, respiratory motion and patient movement to minimize workflow delays
- Enables display of two simultaneous cine loops to enable visualization of tools in two projections - similar to bi-plane X-ray

**Ordering Information**

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<th>REORDER NUMBER</th>
<th>DESCRIPTION</th>
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<td>MediGuide™ System</td>
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<td>H700071</td>
<td>Patient Reference Sensor (PRS) Patch</td>
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<td>See “Ablation Therapy” Section of Catalog</td>
<td>FlexAbility™ Ablation Catheter, Sensor Enabled™</td>
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<td>Advisor™ FL Circular Mapping Catheter, Sensor Enabled™</td>
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<tr>
<td>See “Navigation” Section of Catalog</td>
<td>Livewire™ Diagnostic Catheter, MediGuide Enabled™</td>
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**For CRT Tools see CRM Catalog Page**

- CPS Direct™ Slittable Outer Guide Catheter, MediGuide Enabled™
- CPS Aim™ Slittable Inner Catheter, MediGuide Enabled™
- CPS Excel™ Guidewire, MediGuide Enabled™

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Livewire™ Diagnostic Catheter
MediGuide Enabled™

Description

The Livewire™ Diagnostic Catheter, MediGuide Enabled™, is a steerable decapolar diagnostic catheter that contains a sensor in the distal tip. When used with MediGuide™ Technology, this catheter can be visualized and navigated in real-time on both live and prerecorded fluoroscopy. This catheter is based on our Livewire family of steerable diagnostic catheters and features automatic steering lock, a wide range of tip deflection, and predictable handling characteristics.

Product Highlights

- Miniature embedded sensor allows the position and orientation of the device to be visualized and navigated in real-time on both live and prerecorded fluoroscopy.
- Handle mechanism enables responsive tip deflection by transmitting fine movements to the catheter shaft.
- With automatic steering lock, no continuous force is required to maintain tip curve.
- Soft, non-braided distal section.

Ordering Information

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