

INGEVITY™

Pacing Leads

Model numbers

Product	INGEVITY MRI Active	INGEVITY MRI Passive	INGEVITY MRI Passive
Model / Length	7740 / 45 cm 7741 / 52 cm 7742 / 59 cm	7731 / 52 cm 7732 / 59 cm	7735 / 45 cm 7736 / 52 cm
Type	Bipolar atrial/ventricular straight	Bipolar ventricular straight	Bipolar atrial pre-formed J
Fixation	Extendable/retractable helix	Tined	Tined
Expected number of rotations to fully extend/retract the helix ⁶	7 turns with straight stylet 8 turns with J stylet	-	-
Recommended Maximum number of rotations to fully extend/retract the helix ⁶	30	-	-
Nominal fixation helix penetration depth	1.8 mm	-	-
Steroid	0.91 mg dexamethasone acetate	0.61 mg dexamethasone acetate	0.61 mg dexamethasone acetate
Distance between electrodes	10.7 mm		
Introducer without guide	6F (2.0 mm)		
Nominal Diameter Anode Electrode	2.0 mm		
Nominal Diameter Lead body	1.9 mm		
Suture sleeve	Radiopaque white silicone rubber		
MRI Conditions of use	Patient is implanted with the ImageReady™ MR Conditional Pacing System ⁴ Full body scan at 3T or 1.5T (SAR 4W/kg) ⁴		



INGEVITY™

Pacing Leads

Designed from the
Ground up
for the
MR Environment^{1,2}



Assurance First¹⁻³



Improved Implant Experience³



More Freedom For MRI⁴

ImageReady™

References

- 358661-021 INGEVITY MRI Passive PLM EN Europe
- 358659-022 INGEVITY MRI ExtRetr PLM EN Europe
- INGEVITY Frequently Asked Questions 042010-959
- IMAGEREADY™ MRI Technical Guide 359259-018
- EMEA MRI Ask the Experts CRM-154809-AA Apr2013
- Use fluoroscopy markers for verification of full extension/retraction of the helix.
The number of turns to extend or retract the helix may vary based on patient anatomy and implant conditions.

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CRM-198501-AC JAN2015 Printed in Germany by medicalvision.

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DINCRM0826EA

INGEVITY™ IS DESIGNED FROM THE GROUND UP FOR:

PHYSICIAN

Ease of use provides more confidence with implant performance³



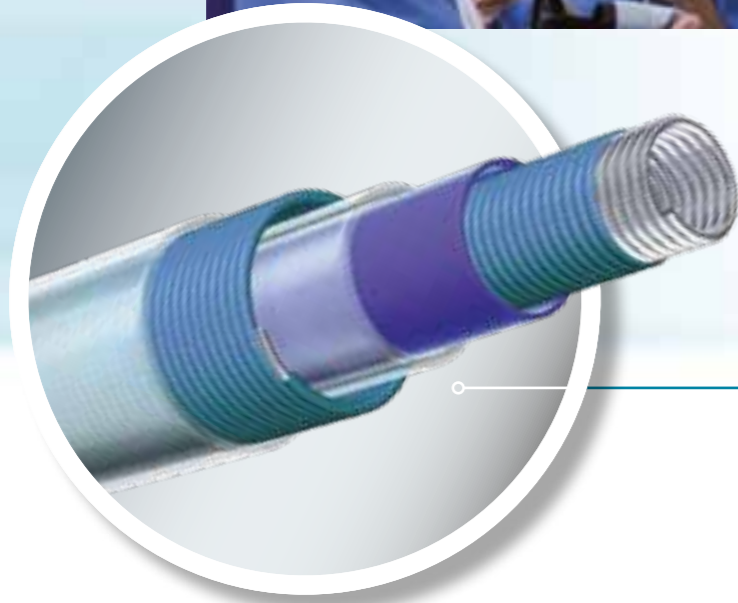
PATIENT

Peace of mind with reliability and long-term performance³



QUALITY OF LIFE

Improved quality of life thanks to more freedom in the MRI environment^{4,5}



ASSURANCE FIRST³

The only lead with 4 layers of insulation between conductors for long-term reliability*

INGEVITY™ has a proprietary coil design – co-axial with redundant insulation – combining the best of existing co-axial and co-radial lead designs

- High fatigue coil design, adopted from FINELINE – 98.6% reliable with 1,3M leads implanted since 2001**
- Insulation materials proven effective in lead usage over 20+ years

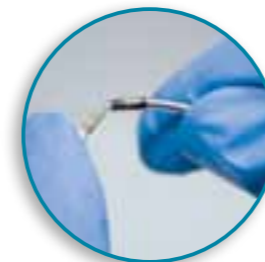


IMPROVED IMPLANT EXPERIENCE³

Advanced fixation system designed for precise and stable positioning

Consistent design across the family for improved handling, positioning, electrical performance and ease of use

- Flexible tip reduces tip pressure and increases tissue adherence
- Stylet extends beyond the anode for greater tip control – allowing precise lead placement

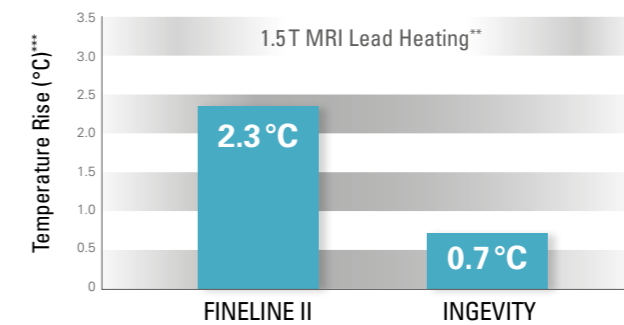


MORE FREEDOM FOR MRI⁴

Patients implanted with ImageReady™ MR Conditional pacemakers and INGEVITY™ can receive a **full body scan at 3T or 1.5T with SAR 4W/kg⁴**

INGEVITY™ is designed for the MRI environment, with higher inductance coils and lower heating than FINELINE™

LEAD TIP HEATING IN MRI SCAN*



* To date January 2014
** FINELINE II Polyurethane. Source: BSC Q4 2013 Product Performance Report

* Bench test results provide comparison of leads under identical test conditions. Test results may not be indicative of clinical performance.
** Results reported from lead heating testing in 64MHz (1.5T MRI) RF test environment.
*** Median measured temperature rise in tissue simulating medium in over 100 exposure conditions.