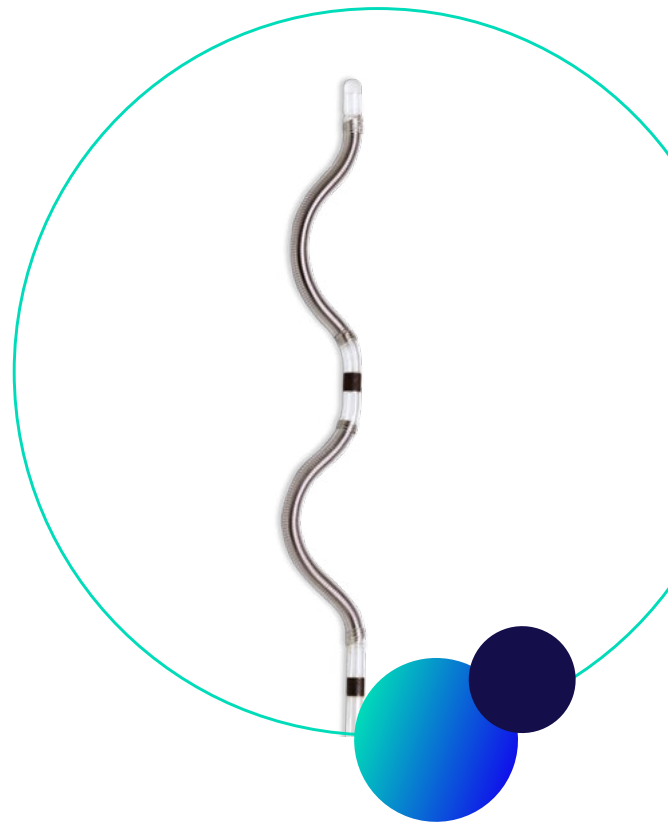


Medtronic

Epsila EV™ MRI SureScan™

Model EV2401

Extravascular quadripolar lead with shaped passive fixation, designed for sensing, cardioversion, defibrillation, and pacing therapies.



Product specifications

MR Conditional†



1.5T
3T

†Refer to the MRI Technical manual for complete MR conditions for use.

Physical characteristics

Type	Quadripolar
Position	Anterior mediastinum
Fixation	Shaped passive fixation
Length	52 cm, 63 cm
Connector	
Type	EV4-LLHH
Length (distal end to proximal end)	24.3 mm
Diameter	3.2 mm
Materials	
Conductors	MP35N (silver cored) composite cables
Insulation	Polyurethane, ETFE
Overlay	Polyurethane
Ring electrodes (pace, sense)	Titanium nitride coated platinum iridium
Coil electrodes (defibrillation)	Platinum iridium, tantalum
Connector Pin	MP35N

Conductor resistances

Pacing (unipolar)	1.5 Ω (52 cm, 63 cm) (max)
Defibrillation	1.5 Ω (52 cm, 63 cm) (max)

Electrode Surface Areas

Coil 1 and Coil 2	281 mm ² each
Ring 1 and Ring 2	23.8 mm ² each

Diameters

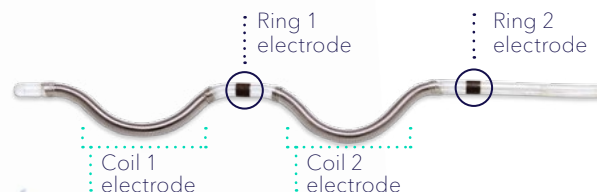
Lead body	2.9 mm (8.7 Fr)
Tip	3.0 mm
Lead introducer (recommended size)	3.0 mm (9.0 Fr)

Respective electrode distances

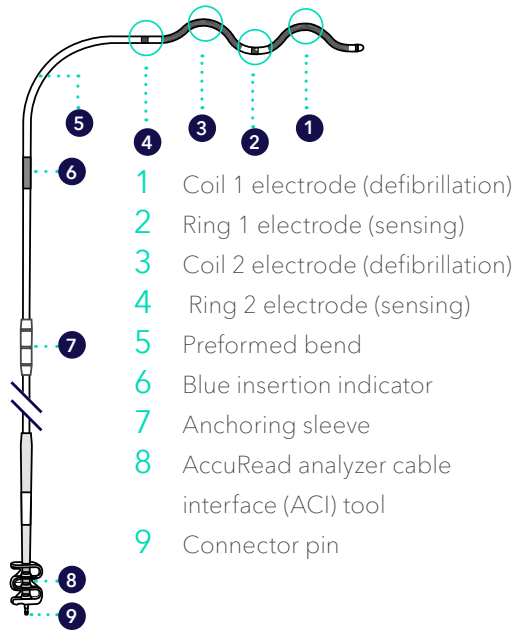
Coil 1 to Ring 1	4.3 mm
Ring 1 to Coil 2	4.3 mm
Coil 2 to Ring 2	5.0 mm

Pacing vectors

Cathode (-)	Anode (+)
Ring 1	Ring 2
Ring 1	Coil 2
Coil 2	Coil 1



The Medtronic Epsilon EV Model EV2401 lead is an extravascular quadripolar lead with shaped passive fixation, designed for sensing, cardioversion, defibrillation, and pacing therapies. The lead has been evaluated for use in the magnetic resonance imaging (MRI) environment. All lead lengths for this lead model are MR Conditional.



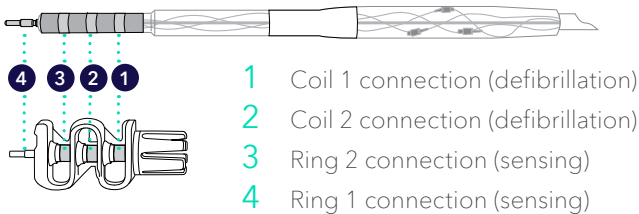
Brief Statement

See the device manual for detailed information regarding the instructions for use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events. If using an MRI SureScan™ device, see the MRI SureScan™ technical manual before performing an MRI. For further information, contact your local Medtronic representative and/or consult the Medtronic website at medtronic.eu. For applicable products, consult instructions for use on www.medtronic.com/manuals. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.

Important Reminder: This information is intended only for users in markets where Medtronic products and therapies are approved or available for use as indicated within the respective product manuals. Content on specific Medtronic products and therapies is not intended for users in markets that do not have authorization for use.

Medtronic EV4 connector

The EV4 connector is a Medtronic proprietary design, not an industry standard. No claims of safety and efficacy can be made with regard to devices that are not labeled as EV4 by Medtronic.



Medtronic

Europe
 Medtronic International Trading Sàrl.
 Route du Molliau 31
 Case postale
 CH-1131 Tolochenaz
 Tel: +41 (0)21 802 70 00
 Fax: +41 (0)21 802 79 00



0123

©2023 Medtronic. Medtronic, Medtronic logo, and Engineering the extraordinary are trademarks of Medtronic. All other brands are trademarks of a Medtronic company. UC202103594-epsila-ev-lead-spec-sheet-en-emea-10613886 10/2023