



FLEXIBLE IRRIGATED-TIP CATHETER CONFORMS TO TISSUE AND IMPROVES COOLING PERFORMANCE

The Therapy Cool Flex ablation catheter is the first catheter with a fully irrigated, flexible tip electrode designed to conform to the cardiac anatomy, reduce operator transmitted force into tissue and provide unmatched cooling performance.

The Therapy Cool Flex tip is designed with laser cut slits that allow the irrigation fluid to flow out over the surface. When the tip is flexed, the majority of the irrigation flow is directed toward the tip-to-tissue interface.

IMPROVED PERFORMANCE

- Unique, laser-cut catheter tip electrode is designed to provide an optimal irrigation flow profile for improved cooling performance.¹
- Flexible tip is designed to conform to tissue and can:
 - Reduce operator transmitted force into tissue.²
 - Direct up to 70 percent of irrigation flow toward tip-to-tissue interface³, potentially reducing the risk of steam pops and charring.
- 1 mm band electrodes and close spacing is designed to enhance signal quality.^{4,5,6}



Ordering Information

Reorder Number	Type	Curve	Description	French Size	Tip Size	Electrode Spacing (1mm rings)	Length
Therapy™ Cool Flex™ Ablation Catheter Specifications							
A088015	Catheter	Medium Curve	1304-CF-7-0.5(5)2-M-TE4BE1EB	7 F	4 mm	0.5-5-2	110 cm
A088016	Catheter	Large Curve	1304-CF-7-0.5(5)2-L-TE4BE1EB	7 F	4 mm	0.5-5-2	110 cm
A088017	Catheter	XLarge Curve	1304-CF-7-0.5(5)2-XL-TE4BE1EB	7 F	4 mm	0.5-5-2	110 cm
A088018	Catheter	L1 Curve	1304-CF-7-0.5(5)2-L1-TE4BE1EB	7 F	4 mm	0.5-5-2	110 cm

Required Catheter Connecting Cables

85641	Cable	St. Jude Medical IBI-1500T (1641)	250 cm
85713	Cable	Biosense Stockert (1713-W)	250 cm
85711	Cable	Medtronic Atakr (1711-M)	250 cm

- 1 – Comparative In-vivo Study on Thigh Muscle Preparation, 2008 (Report #891607-R, on file)
- 2 – Jeff Fish et al., Internal bench study SJM, Nov 2009 (Report # 90042968, on file)
- 3 – Flow distribution modeling, Nov 2009 (Report 90058001, on file)
- 4 – Nakagawa H, Wittkamp FH, Yamanashi WS, et al. Inverse relationship between electrode size and lesion size during radiofrequency ablation with active electrode cooling. *Circulation* 1998;98:458-465
- 5 – Josephson, M. *Clinical Cardiac Electrophysiology: Techniques and Interpretations*, 3rd edition. Pgs. 4-6
- 6 – Gabriele Vicedomini, M.D., Division of Cardiac Pacing and Electrophysiology, San Raffaele University Hospital, Milan, Italy, Human clinical experience, May 2008

ATRIAL FIBRILLATION CARDIAC RHYTHM MANAGEMENT CARDIOVASCULAR NEUROMODULATION

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Indications for Use: The Therapy™ Cool Flex™ irrigated ablation catheter is intended for creating focal endocardial lesions during cardiac ablation procedures to treat arrhythmias and for cardiac electrophysiology mapping and delivering diagnostic pacing stimuli.

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