

INTELLATIP MiFi™ Open-Irrigated

Multi-Dimensional Ablation Technology

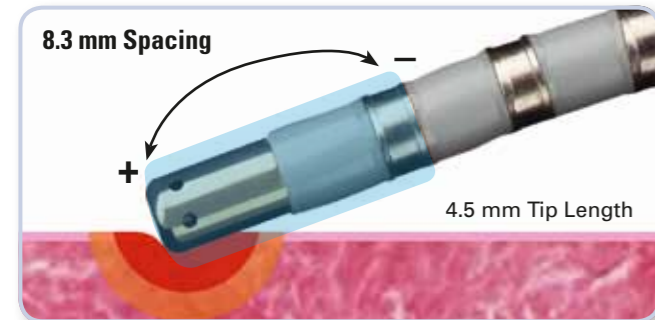
Unparalleled Clarity



Unparalleled Clarity.

The IntellaTip MiFi™ Open-Irrigated (OI) Catheter delivers the critical, multi-dimensional information you need to confidently diagnose and treat complex cardiac arrhythmias and provides the true picture of exactly what is happening at the tip of the ablation catheter in real-time.

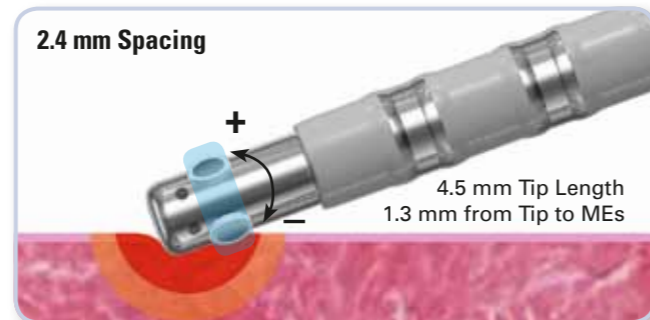
True Tip Location. True Tissue Assessment. True Ablation Feedback.



Tip electrode surface area 30 mm²
Ring electrode surface area 10 mm²

Conventional Bi-Poles (CBPs)

- Capture larger far-field signals
- Provide an antenna length that extends beyond site of ablation
- Cannot pace and ablate simultaneously



ME surface area 0.5 mm

Mini-Electrodes (MEs)

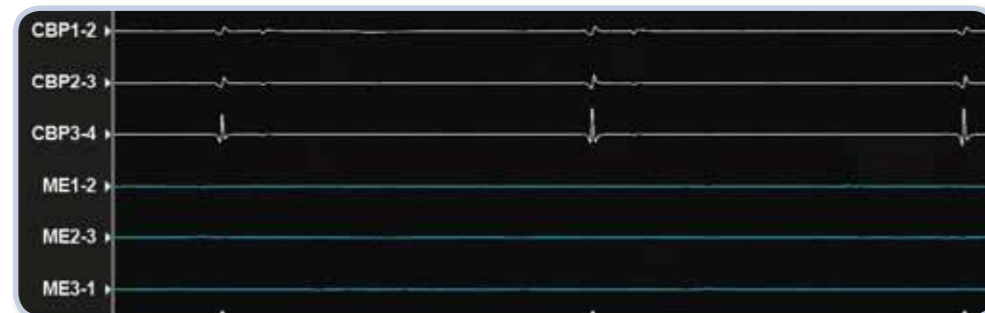
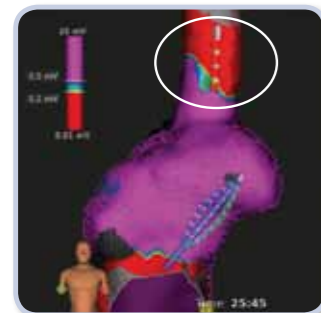
- Provide more accurate recording of focal area¹
- Allow recording at the precise site of ablation
- Enable pace capabilities during ablation

True Tip Location

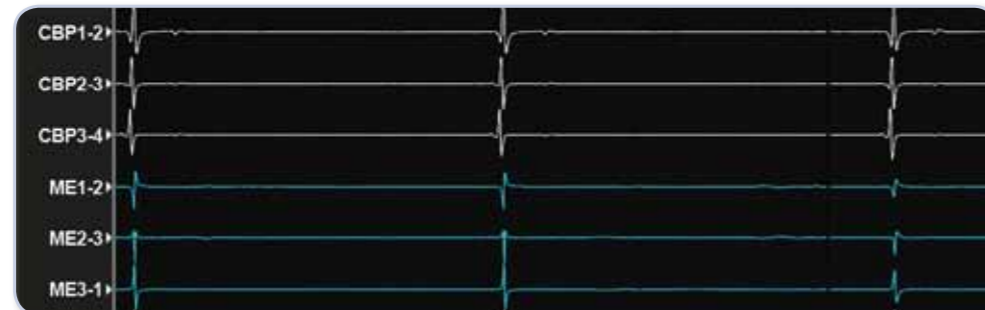
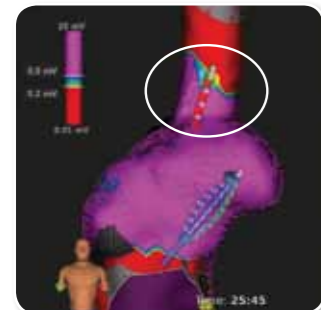
Accurate EGM Localization

- Closely positioned mini-electrodes designed to exclude far-field signals
- Unlike conventional bi-poles, mini-electrodes accurately show when tip enters the right atrium

Far-Field Signal from Conventional Bi-Poles (CBPs)



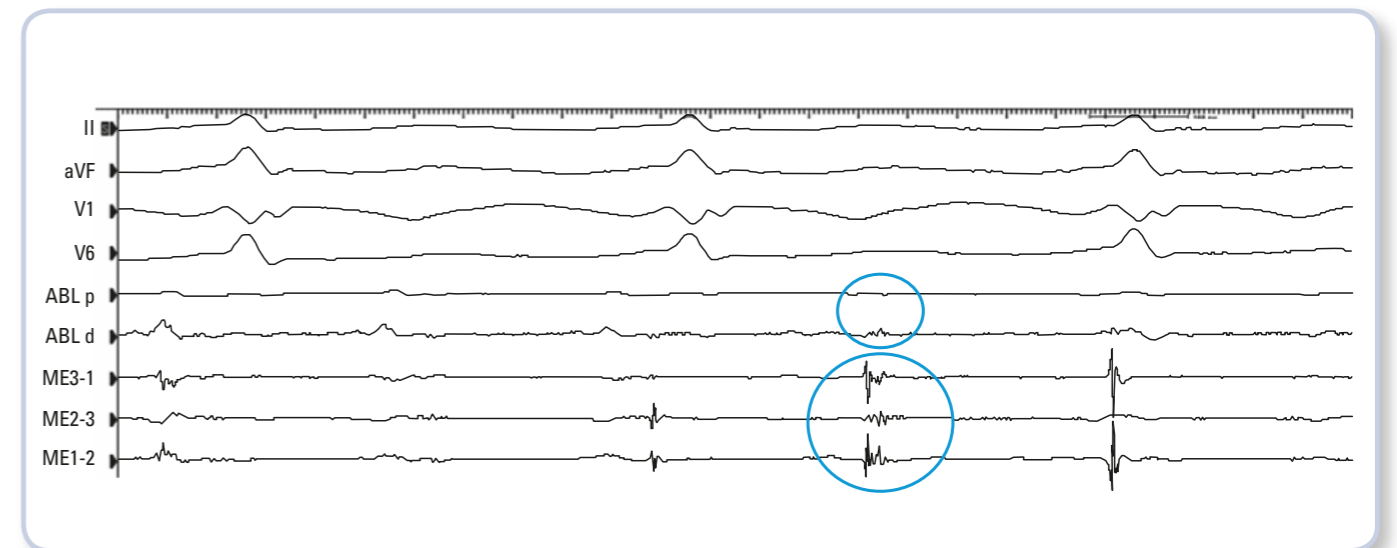
Accurate Tip Location with Mini-Electrodes (MEs)



True Tissue Assessment

Enhanced Tissue Substrate and Gap Identification

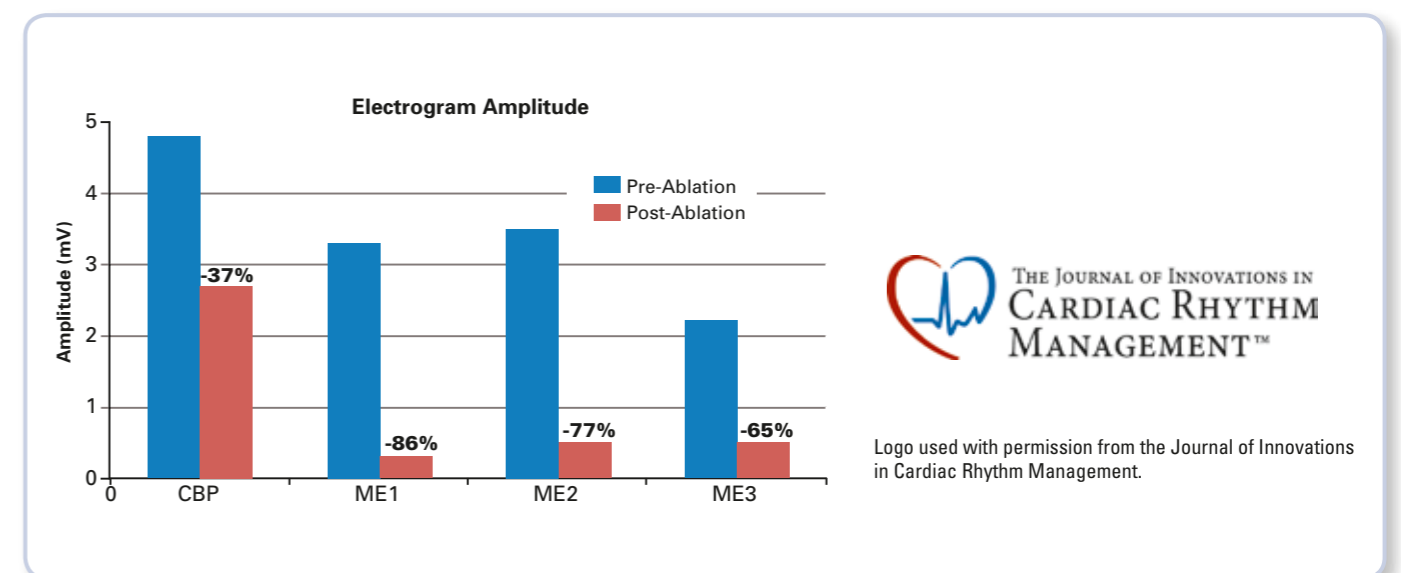
- IntellaTip MiFi™ OI technology provides higher specificity to aid in predicting fibrosis and identifying abnormal substrate in all chambers¹
- Smaller electrode size facilitates the identification of late potentials compared to common bi-poles²
- Mini-electrode signal fidelity provides enhanced gap detection over conventional bi-poles³



True Ablation Feedback

Advanced Lesion Transmurality Detection

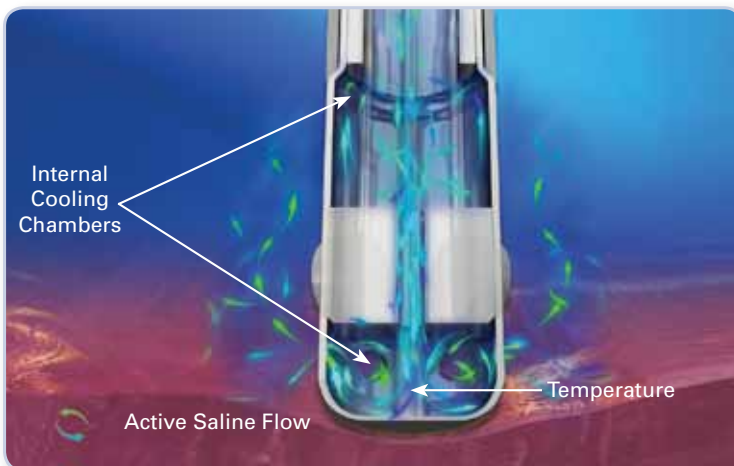
- EGMs with mini-electrodes show a more substantial reduction in amplitude compared to common bi-poles⁴
- Mini-electrode guided ablation resulted in **96%** transmural lesions while maintaining efficacy and safety⁴



THE JOURNAL OF INNOVATIONS IN
CARDIAC RHYTHM
MANAGEMENT™

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Advanced Cooling Platform



Total Tip Cooling

- Saline fills two internal chambers and cools from within
- Proximally-directed exit flow cools the entire tip electrode externally
- Designed to reduce potential of char, coagulum and thrombus

Efficient Tissue/Tip Cooling Interface

- Promotes lesion creation while avoiding rapid internal tissue temperature rise
- Designed for effective power delivery

IntellaTip MiFi™ Open-Irrigated Ablation Catheter

Catheter Model No.	Shaft Size	Tip Size	Curve Style	Cable Model No.
M004 EPM9620 0	7.5F/2.5 mm	7F/4.5 mm (straight)	Standard	M004 621 0 / /M004 627 0
M004 EPM9620K2 0	7.5F/2.5 mm	7F/4.5 mm (straight)	Large	M004 621 0 / /M004 627 0
M004 EPM9620N4 0	7.5F/2.5 mm	7F/4.5 mm (straight)	Asymmetric-4	M004 621 0 / /M004 627 0

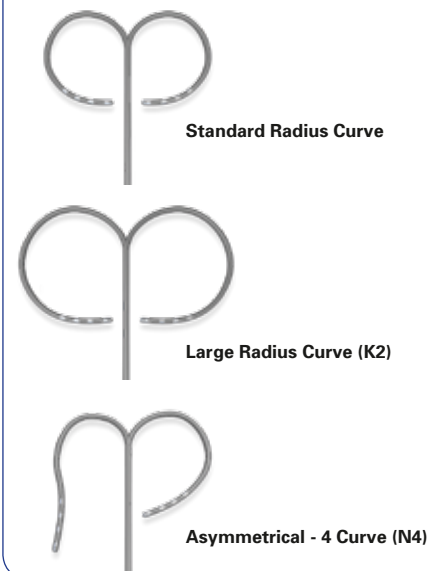
IntellaTip MiFi OI Catheter is indicated for use with an 8F sheath
 All IntellaTip MiFi OI Catheters are 110 cm in length
 All IntellaTip MiFi OI Catheters require the use of 1 Valleylab® Ground Pad (Model M004 354 0)

Cables and Accessories

Model No.	Description
M004 1212 0	Filter Module (reference cable included)
M004 3636 0	Reference Cable from Filter Module to Pod (81cm)
M004 621 0	Catheter Cable to Stockert-EP Shuttle and to Filter Module (3m)
M004 627 0	Catheter Cable to Maestro 4000™ Cardiac Ablation Controller and to Filter Module – Uniflow
M004 653S 0	Catheter Cable from Filter Module or Pod to Recorder (2 required)
M004 116 0	Irrigation Tubing Set (CoolFlow™ Irrigation Pump)
M004 117 0	MetriQ™ Irrigation Tubing Set

7F = 2.33 mm, 7.5F = 2.5 mm, 8F = 2.66 mm

Bidirectional Curve Options



- 1 Chen S., et al. (May, 2012). A Novel Map and Ablate Technology to Identify Arrhythmogenic Atrial Substrate. Poster session presented at Heart Rhythm Society, Boston, MA. (Right atrial canine model utilizing EnSite NavX™, n=9). Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary.
- 2 Mansour M., et al. (May, 2014). Mapping of Ventricular Scar with 0.8mm Mini-Electrodes Facilitate Identification of Potentially Arrhythmogenic Areas not Identified with a 4 mm Electrode. Poster session presented at Heart Rhythm Society, San Francisco, CA. (Swine model, n=5. Operator utilized Ensite™ Velocity™ Cardiac Mapping System with 4.5 mm Open-Irrigated IntellaTip MiFi catheter). Results in other cases may vary.
- 3 Maddox W. (Jan, 2013). The IntellaTip MiFi XP Ablation Catheter: Thoughts From A Young Electrophysiologist. Presented at Boston Scientific National Sales Meeting, Orlando FL. EP-222201-AA. Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary.
- 4 Avitall B., et al. Determinants of Atrial Lesion Maturation during Radio Frequency Ablation Using Localized Tissue Electrograms. The Journal of Innovations in Cardiac Rhythm Management, 5 (2014), 1574-1585. Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary.

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EP_375904_AA FEB2016 Printed in Germany by medicalvision.

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