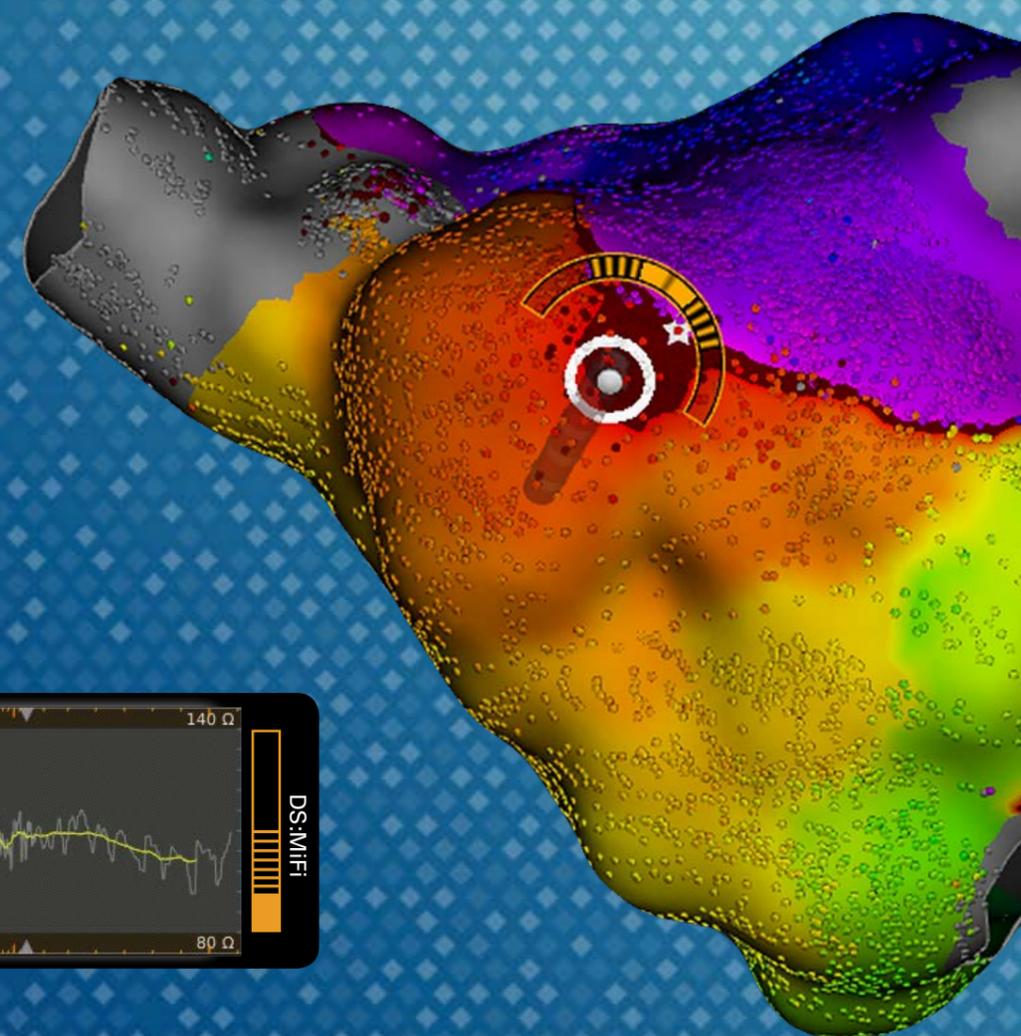


# DIRECTSENSE™ TECHNOLOGY



1. Sulkin MS, Laughner JI, Hibert S, et al. A novel measure of local impedance predicts catheter-tissue contact and lesion formation. *Circ Arrhythm Electrophysiol.* 2018. In Press.

DIRECTSENSE™ Technology is investigational and not available for sale in the US. CE Marked.

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## A NEW DIMENSION IN ULTRA HIGH-DENSITY MAPPING AND ABLATION

ENABLED BY RHYTHMIA HDx™ MAPPING SYSTEM

LOCAL



DIRECTSENSE™ uses **3 mini electrodes** on the INTELLANAV MIFI™ OI Ablation Catheter to capture a unique **LOCAL** impedance measurement from a local electric field generated at the tip of the ablation catheter.

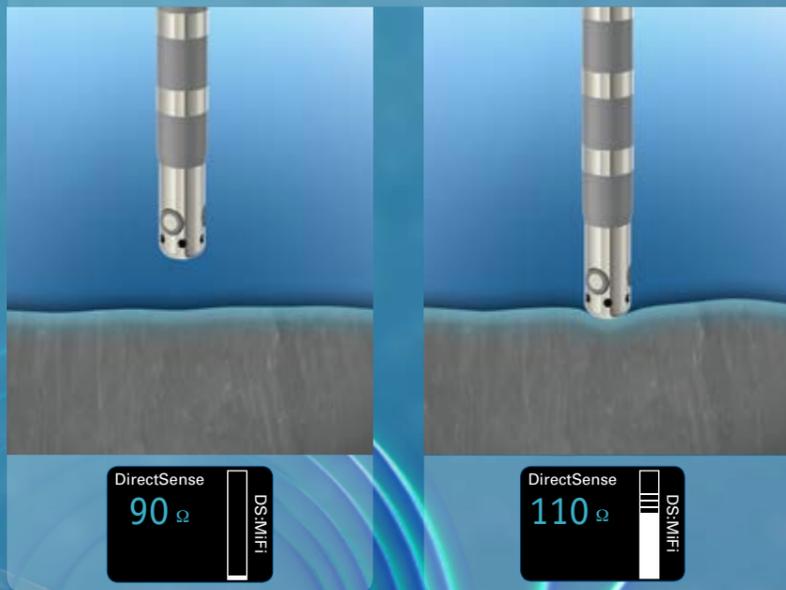
REAL TIME



Local impedance was shown to be **2x** more sensitive than RF generator impedance, providing more reliable insight into the near-field tissue changes during RF delivery<sup>1</sup>.

**FOR THE FIRST TIME, DIRECTSENSE DISPLAYS LOCAL IMPEDANCE DATA SO THAT YOU CAN:**

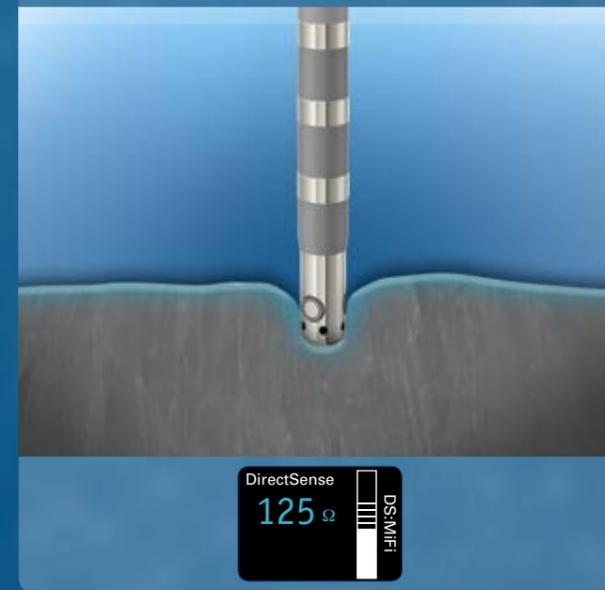
EVALUATE ELECTRICAL TISSUE CONTACT



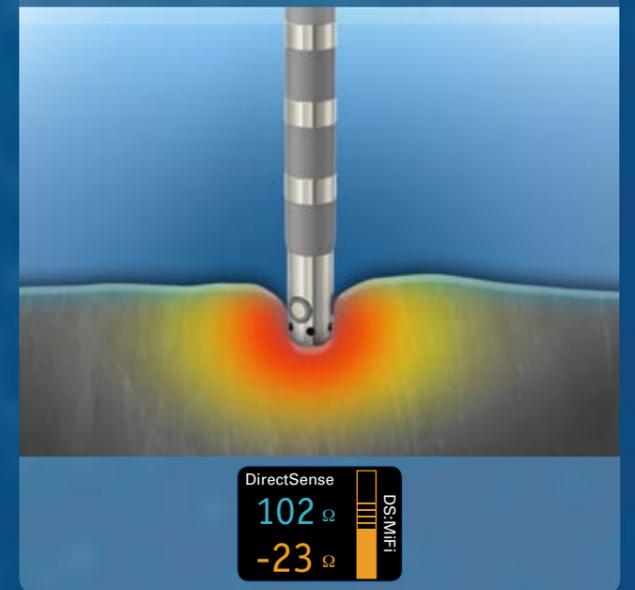
ENSURE TIP STABILITY



ASSESS THE POTENTIAL TO DELIVER ENERGY BEFORE YOU ABLATE



MONITOR CHANGES OCCURING AT THE TIP-TISSUE INTERFACE WHILE YOU ABLATE



**RHYTHMIA HDx™** Mapping System  
**INTELLANAV MIFI™ OI** Ablation Catheter  
**DIRECTSENSE™** Technology

A high definition mapping and ablation solution allowing you to more precisely target the ablation site and monitor feedback directly from the tissue during ablation.