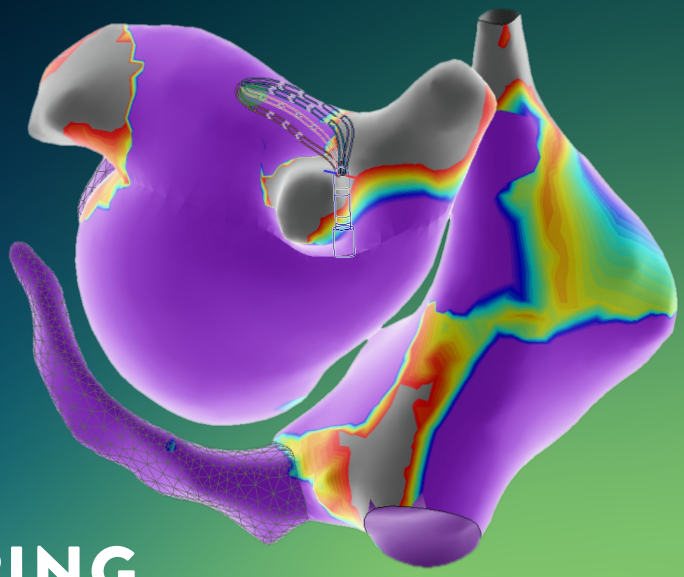
Abbott



REVOLUTIONIZE HIGH DENSITY MAPPING

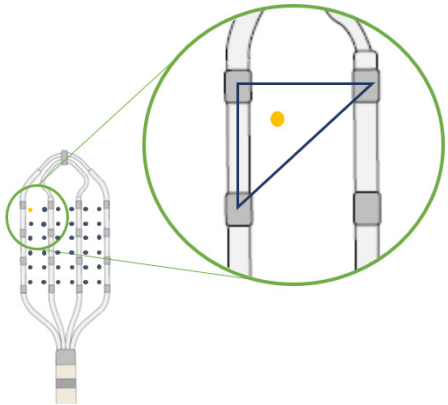
ENSITE™ OMNIPOLAR TECHNOLOGY

REVOLUTIONIZE MAPPING BY INTRODUCING A NEW METHOD OF CALCULATING ELECTROGRAMS THAT COMBINES THE BENEFITS OF UNIPOLAR AND BIPOLAR ELECTROGRAMS INTO ONE.

- EnSite OT introduces a unique method of sampling EGMs in 360 degrees allows for a **true, local signal measuring maximum voltage**, indicating activation direction and speed regardless of the catheter-wavefront orientation[1]
- EnSite OT **provides the user with information** (max voltage, activation direction, wave speed) used to make clinical decisions by using only the information collected **from a set of three electrodes**. Information from other timing points is not needed to determine activation direction, providing the user a true look at the local tissue characteristics
- EnSite OT **maximizes data collection and increases map resolution** by tripling the number of points collected per save as points are effectively placed every 2 mm[1]*

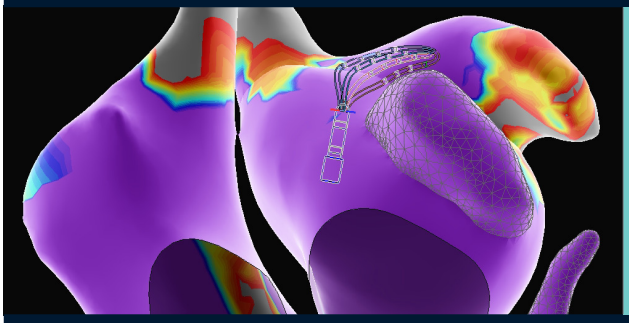
*As compared to the use of traditional bipole mapping.

Local	Directional	Speed	Catheter Wavefront	Independence
UNIPOLE				
	✓	✓	✓	✓
BIPOLE				
✓				
OMNIPOLE				
✓	✓	✓	✓	✓



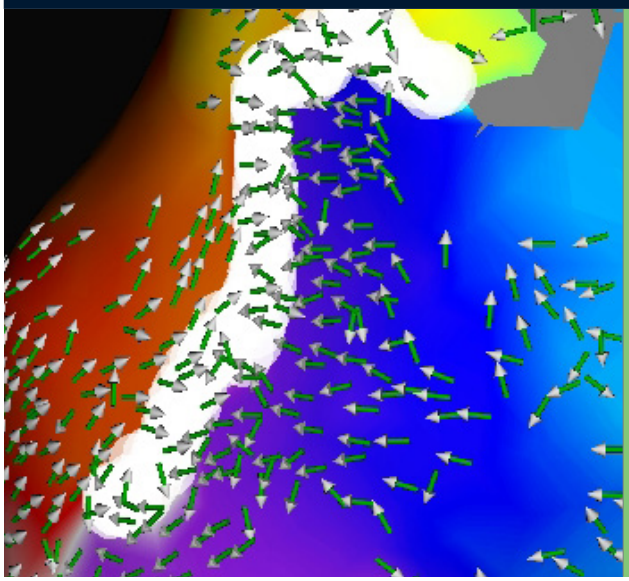
ENSITE OT INTRODUCES OMNIPOLAR MAX VOLTAGE AND ACTIVATION DIRECTION.

OMNIPOLAR MAX VOLTAGE



- EnSite OT samples electrograms in 360 degrees, providing a signal that's truly independent from catheter-wavefront orientation
- Capture signals that no other mapping technology can see

ACTIVATION DIRECTION



- Increase understanding of local activation direction by pairing EnSite OT's reliable and high-resolution activation direction arrows with standard LAT maps
- Map acquisition efficiency can be improved by a factor of 3 compared to traditional LAT mapping[1]
- Obtain reliable activation direction information even without a stable reference since the algorithm doesn't rely on LAT timing to determine activation direction

UNLEASH THE POWER OF THE ADVISOR HD GRID MAPPING CATHETER, SE WITH ENSITE OT AND ENSITE™ LIVEVIEW DYNAMIC DISPLAY

The use of EnSite OT in combination with EnSite LiveView Dynamic Display allows for instantaneous indication of voltage, activation direction, and speeds for each cardiac depolarization through a live display.

- Allows for **RAPID AND EFFECTIVE DETECTION** of pulmonary vein isolation (PVI) and ablation line gaps[2,3]
- **INSTANTANEOUS VISUALIZATION** with **REAL-TIME ASSESSMENT** of EGM data **IMPROVING OUTCOMES** by ensuring successful lesion delivery and signal termination[3]
- May **DECREASE MAPPING TIME** and prevent loss of relevant data by accurately displaying immediate changes in activation[4]
- **COMPLEMENTS** comprehensive chamber or surface maps in atrial and ventricular arrhythmias[2-5]

1. Deno, D. C., Bhaskaran, A., Morgan, D. J., Goksu, F., Batman, K., Olson, G. K., . . . Nanthakumar, K. (2020). High-resolution, live, directional mapping. Heart Rhythm, 17(9), 1621-1628. doi:10.1016/j.hrthm.2020.04.039
2. Afzal M et al. Identification of pulmonary vein isolation gaps using novel dynamic mapping software. Poster Presentation P110. Virtual APHRS 2020.
3. Ling LH et al. Multicenter initial experience of novel dynamic mapping software using a high-density grid mapping catheter. Poster Presentation P111. Virtual APHRS 2020.
4. Al-Ahmad A et al. Dynamic mapping of ventricular tachycardia using novel software. Poster Presentation P108. Virtual APHRS 2020.
5. Latchamsetty R et al. Identification of the dominant circuit of a left atrial flutter using novel dynamic mapping software. Poster Presentation P109. Virtual APHRS 2020.

CAUTION: This product is intended for use by or under the direction of a physician. Prior to use, reference the Instructions for Use, inside the product carton (when available) or at manuals.sjm.com or eifu.abbottvascular.com for more detailed information on Indications, Contraindications, Warnings, Precautions and Adverse Events.

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