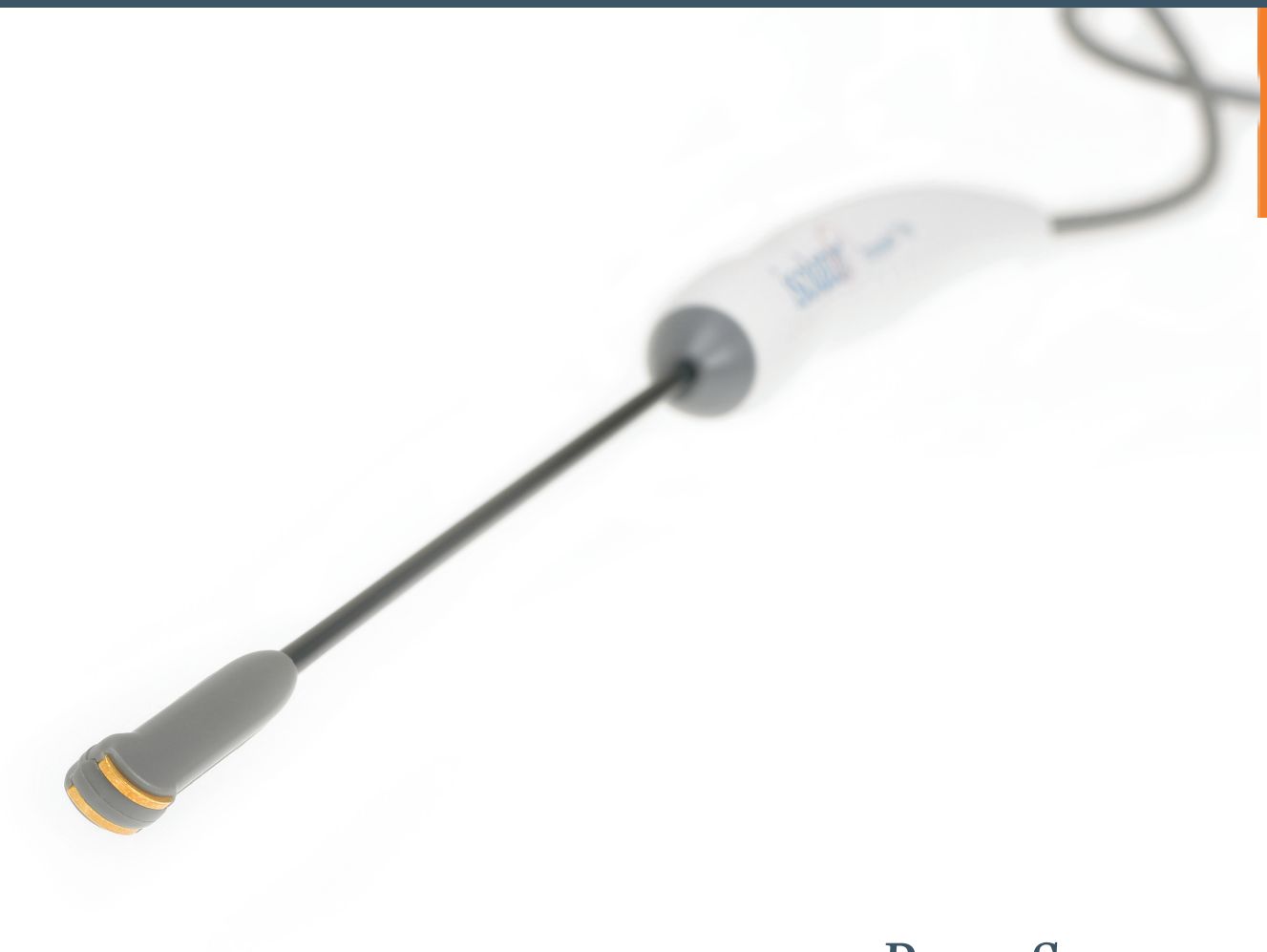
Isolator®
Multifunctional Pen



Pace. Sense.
Stimulate. Ablate.

AtriCure

PACE

OBJECTIVE
Confirm exit block of focal stimuli from the atrial cuff to the atrium.

Pre-ablation
Using the multifunctional pen, establish atrial capture by placing the pen at various atrial cuff locations– superior, bifurcation, inferior (lateral to the proposed ablation line) documenting those that elicit a corresponding atrial pacing rate change.

Post-ablation
Place the pen at all previously identified atrial cuff locations to confirm that they no longer provoke a corresponding atrial rate change.

Pre

Post

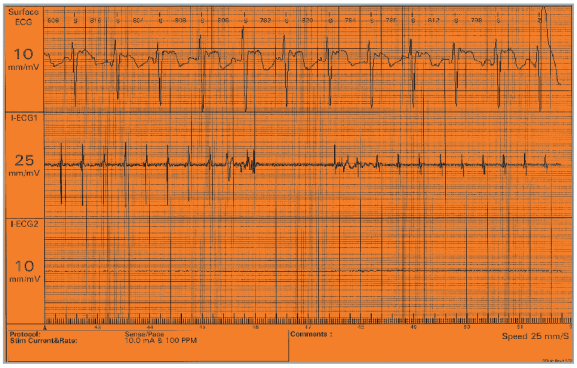
SENSE

OBJECTIVE
Confirm entrance block of atrial cuff potentials through evaluation of baseline waveforms.

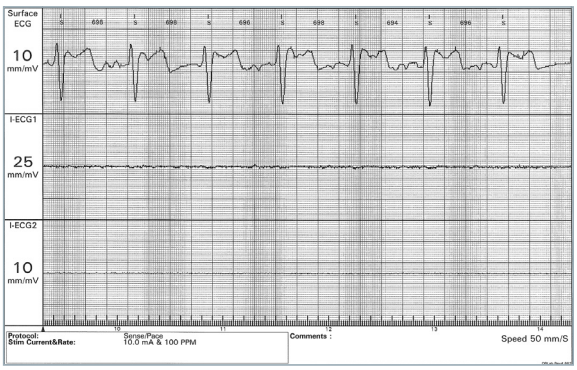
Pre-ablation
Using the multifunctional pen, identify and record baseline ECG potentials along the left and right atrial cuff.

Post-ablation
Reposition pen at previously identified baseline locations to confirm absence of potentials or slow potentials disassociated from left atrial activity.

Pre



Post



STIM

OBJECTIVE

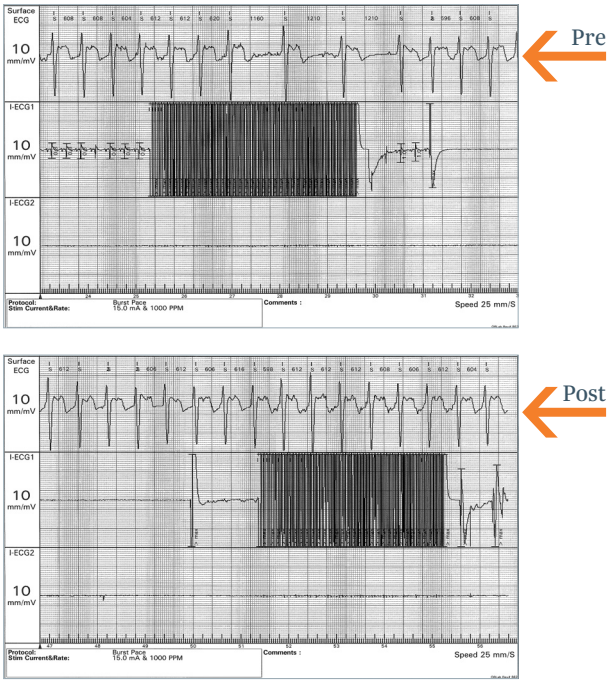
Confirm inactivity of parasympathetic responses associated with intrinsic cardiac nervous system utilizing high frequency stimulation (HFS).

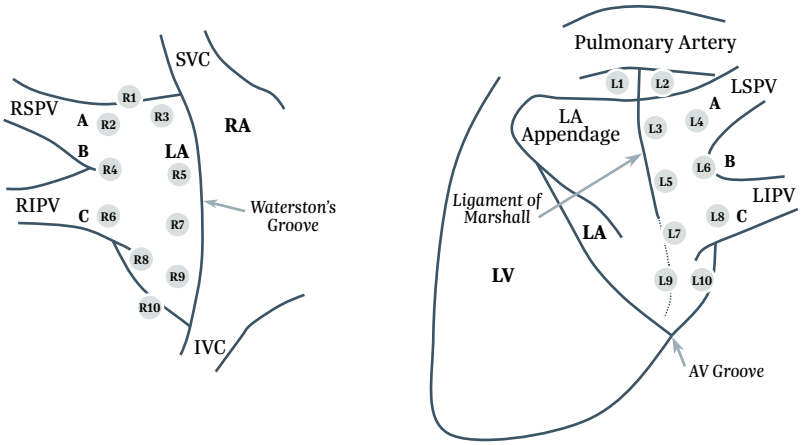
Pre-ablation

Using the multifunctional pen, stimulate various locations on the atrial epicardial surface noting those sites that elicit a vagal response (significantly slowing intrinsic heart rate).

Post-ablation

Return the pen to previously identified sites to confirm that HFS no longer initiates a vagal response.

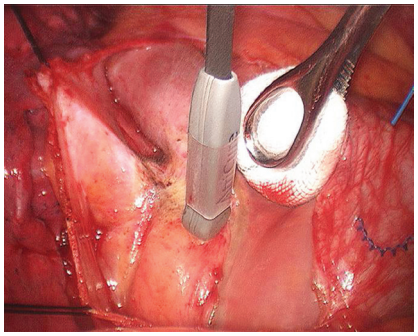


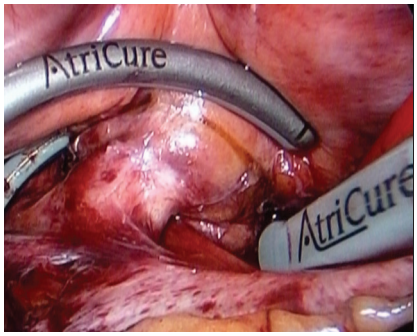


ABLATE

OBJECTIVE

Create precise cardiac lesions with bipolar RF energy. Use the multifunctional pen or Isolator Synergy™ clamp to help achieve desired outcomes.





AtriCure Isolator Bipolar Linear Pens	
Device	**Product Code**
Isolator Multifunctional Pen, 19 cm	MAX1
Isolator Long Pen TT	MAX5

U.S. Indications: *The Isolator Transpolar Pen is a sterile, single use electrosurgery device intended to ablate cardiac tissue during cardiac surgery using radiofrequency (RF) energy when connected directly to the ASU or to the ASU Source Switch in Ablation mode.*

When the Pen is connected to the ASU Source Switch in Auxiliary mode, it may be used for temporary cardiac sensing, recording, stimulation, and temporary pacing during the evaluation of cardiac arrhythmias.

Please review the Instructions for Use for a complete listing of contraindications, warnings, precautions and potential adverse events prior to using these devices.

Rx Only.

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