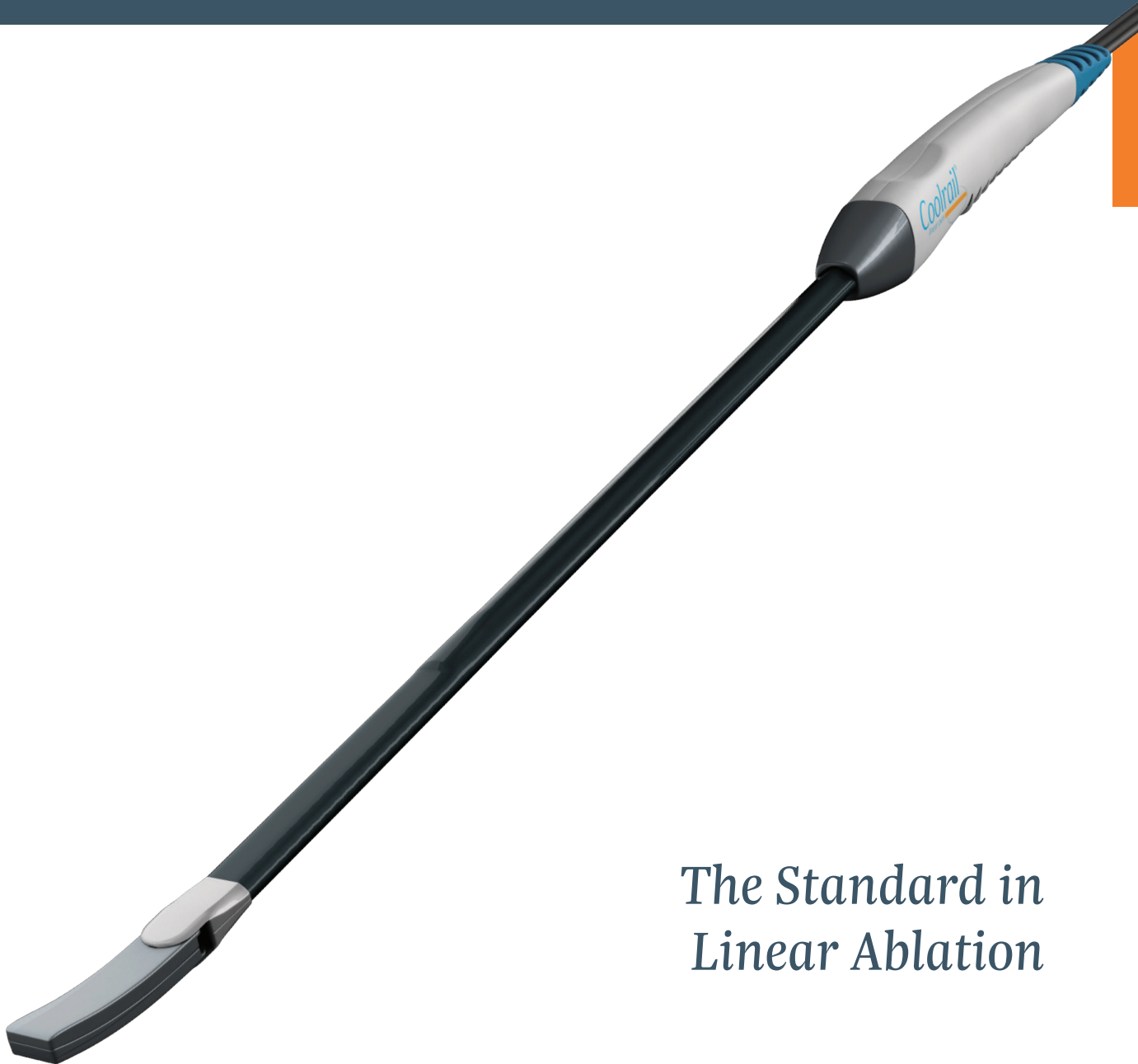


# Coolrail<sup>®</sup> Linear Pen



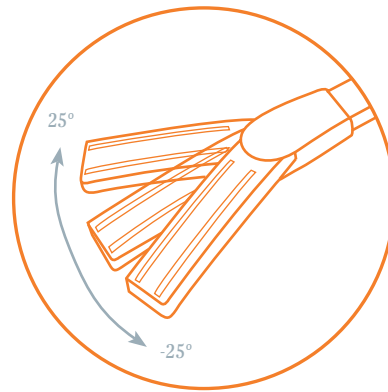
*The Standard in  
Linear Ablation*

**AtriCure**

# Coolrail Linear Pen

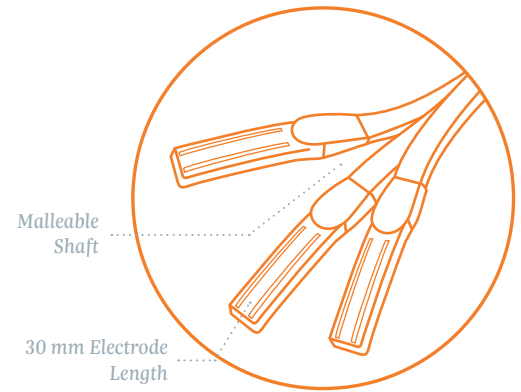
## 50° TOTAL HEAD ARTICULATION AND MALLEABLE SHAFT

Enables access to difficult anatomy while allowing angles that promote consistent tissue contact during ablation



## 30 mm LINEAR ELECTRODE LENGTH

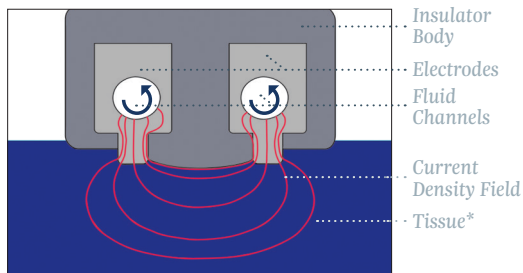
Reduces number of applications and potential for gaps



## Thermal/Flow Analysis

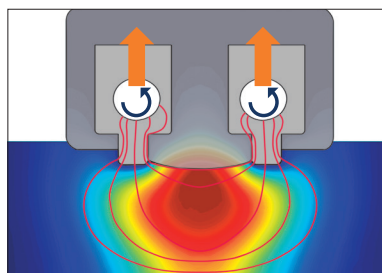
### AT T=0 SECONDS:

Current flow is initiated between the two electrodes. Current lines are depicted by the red lines.



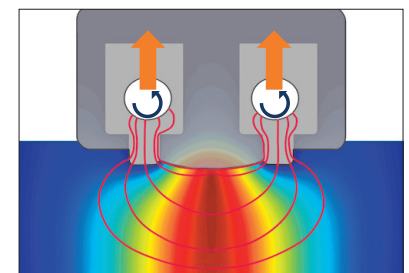
### AT T=0 SECONDS:

Resistive heating occurs under the electrodes as energy is driven deeper into the tissue. Internal cooling channels maintain current density throughout the ablation cycle.



### AT T=0 SECONDS:

Energy continues along deeper conductive pathways until a full-thickness lesion is achieved.



Conclusions: This irrigated bipolar radiofrequency probe consistently produced transmural lesions in tissue 4 mm or thinner under controlled conditions in vitro. Lesion depth was increased by greater pressure on probe and not affected by blood flow. Endocardial lesions were smaller than epicardial dimensions.

\*Study based upon 5 mm tissue thickness

Coolrail Linear Pen	
Size	Product Code
33 mm	MCR1

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www.AtriCure.com

PM-US-0109A-1020-G

**U.S. Indications:** The Coolrail linear pen is sterile, single use electrosurgery device intended to ablate cardiac tissue using radiofrequency (RF) energy.

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.**

**AtriCure**