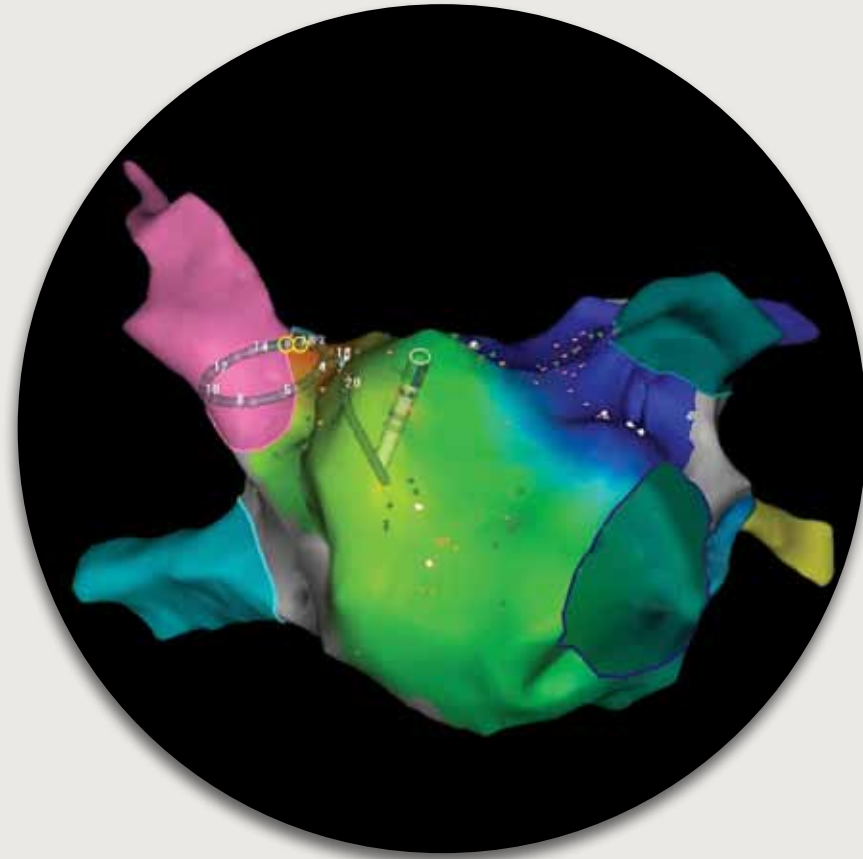


THERMOCOOL[®] SF Catheter advances open irrigation to a new level

- Porous tip provides uniform cooling for low risk of thrombus formation*
- Easier fluid management due to half the flow rate[†]
- Less risk of fluid overload in patients with left ventricular dysfunction or renal failure[†]
- Designed to achieve the level and duration of power necessary to create successful lesions
- 3.5mm tip - with no trade-offs between power and signal resolution



*Nakagawa, H. Comparison of 12 and 56 Hole Electrodes for Open Irrigated Radiofrequency Ablation in a Canine Thigh Muscle Preparation: Improvement in Thrombus Reduction with 56 Small Irrigation Holes. White paper, 2010.

[†]When compared to the THERMOCOOL[®] Catheter.

THERMOCOOL[®] SF NAV Catheters designed for use with the CARTO[®] 3 and CARTO[®] XP Systems

THERMOCOOL[®] SF NAV Bi-Directional Catheter

US Order #	Curve Type	Made to Order
BNI35BBH	BB	✓
BNI35BDH	BD	✓
BNI35BFH	BF	✓
BNI35DDH	DD	
BNI35DFH	DF	
BNI35DJH	DJ	✓
BNI35FFH	FF	
BNI35FJH	FJ	
BNI35JJH	JJ	

THERMOCOOL[®] SF NAV Uni-Directional Catheter

US Order #	Curve Type	Made to Order
D131801	B	
D131802	D	
D131803	F	
D131804	J	

Associated Cable

US Order #	Product Description	Length
D128623	Cable from Catheter to CARTO [®] 3 System Patient Interface Unit	1.5m / 5ft
CR3425CT	Cable from Catheter to CARTO [®] 3 System Patient Interface Unit	3.0m / 10ft
C5MHNAMHS	Cable from Catheter to CARTO [®] XP System Patient Interface Unit	1.8m / 6ft

All THERMOCOOL[®] SF Catheters Feature:

French Size (F)	# of Electrodes	Electrode Spacing (mm)	Tip Electrode (mm)	Temperature Sensor	Length (cm)
8	4	2-5-2	3.5	Thermocouple	115

HCPCS Code*

C1732 - THERMOCOOL[®] SF NAV Catheters designed for use with the CARTO[®] 3 and CARTO[®] XP Systems

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Ideas making a difference[®]

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Please refer to the instructions for use accompanying each device before use. For healthcare professionals only.

As part of Biosense Webster policy of continuous development, we reserve the right to change product specifications without prior notification.

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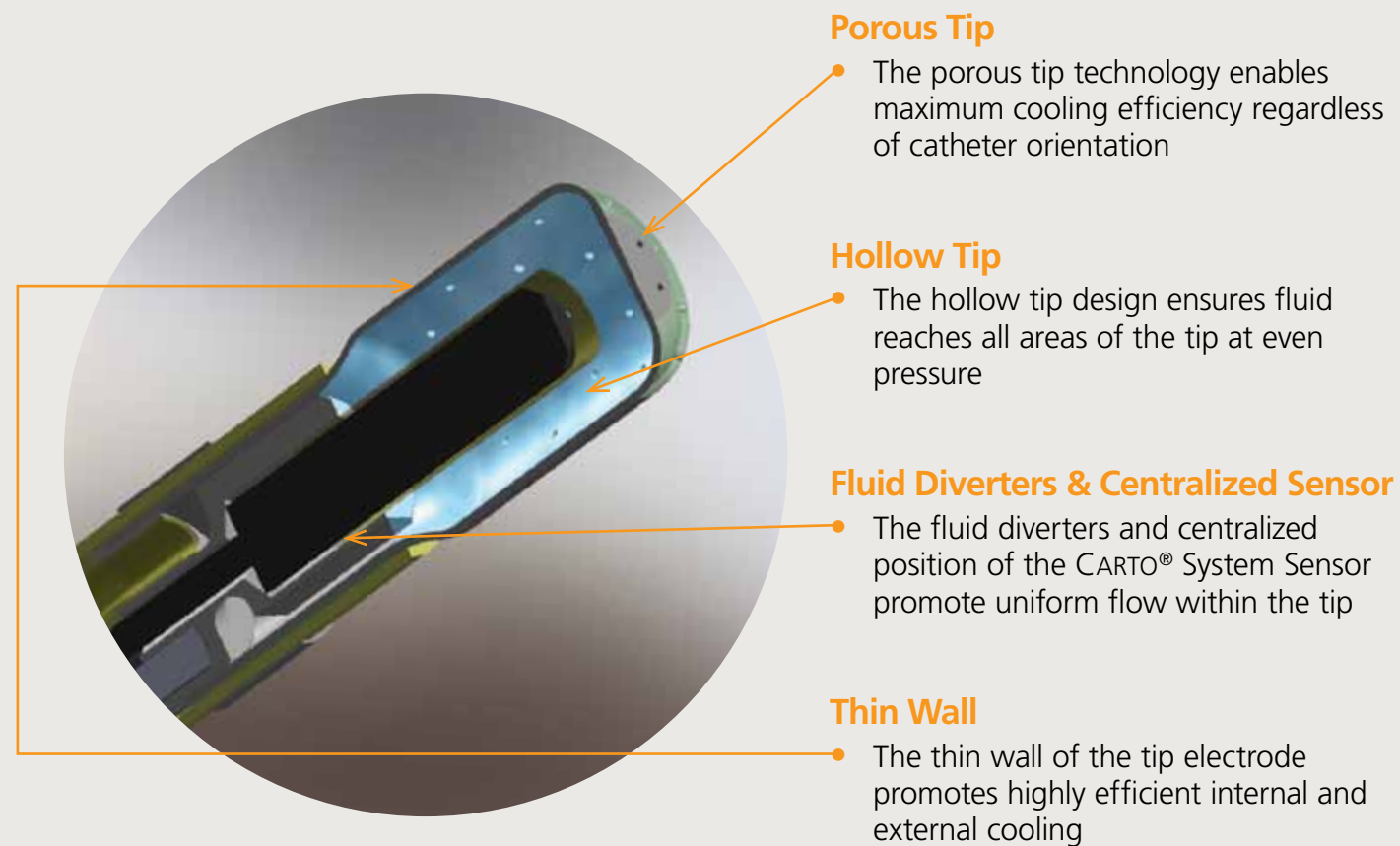
Always Keep Your Cool

Uniform cooling
at half the flow rate*

*When compared to the THERMOCOOL[®] Catheter.

Innovative catheter design

Biosense Webster introduces the new THERMOCOOL® SF Catheter with surround flow technology. The unprecedented cooling efficiency of our advanced catheter design delivers **uniform cooling at half the flow rate.***



*When compared to the THERMOCOOL® Catheter.

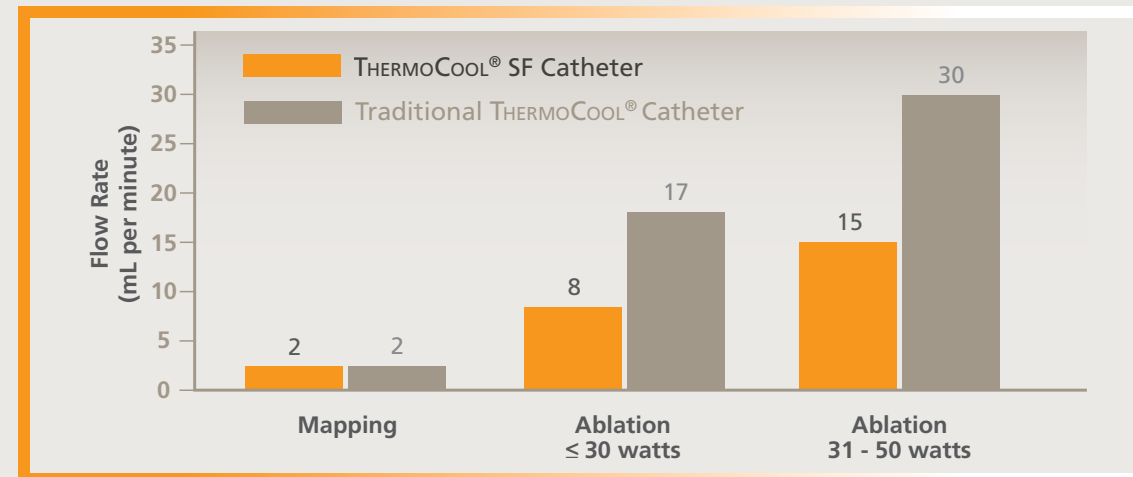
Uniform cooling across the entire catheter tip



The advanced porous tip design enables maximum cooling efficiency regardless of catheter orientation or power delivered, helping to further reduce the risk of thrombus formation.*

Half the flow rate

- At a given power, efficient cooling allows for only half the flow rate†
- No trade-offs: ensures full THERMOCOOL® Catheter benefits



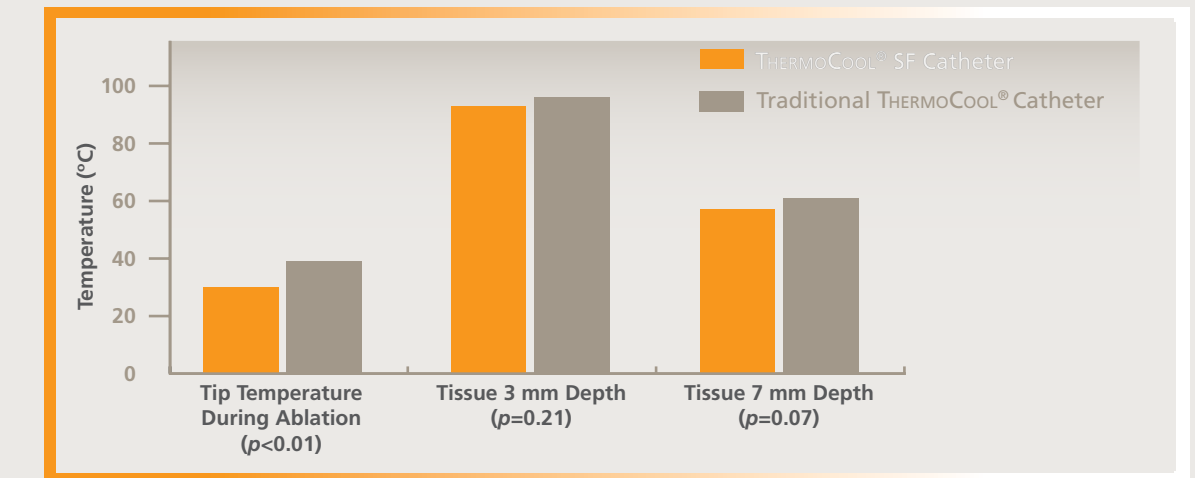
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The same trusted lesion

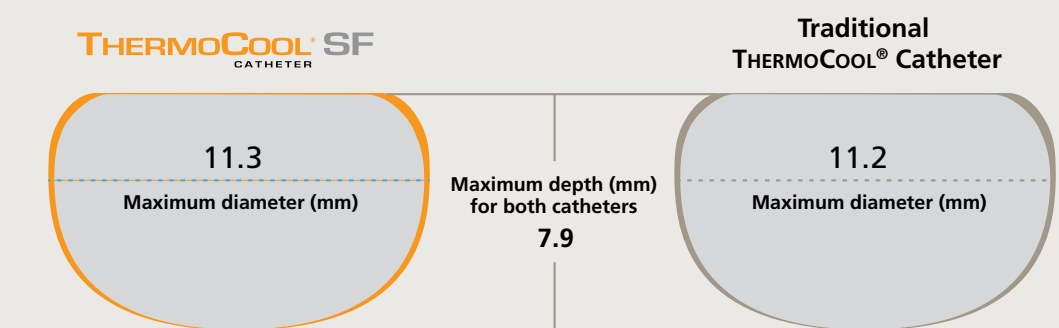
Equivalent tissue temperatures*

- The THERMOCOOL® SF Catheter ensures low tip temperatures during ablation regardless of catheter orientation or power delivered
- At a given power, the THERMOCOOL® SF Catheter produces tissue temperatures equivalent to those produced by the traditional THERMOCOOL® Catheter



Consistent, comparable lesion formation*

- At a given power, the THERMOCOOL® SF Catheter produces lesions comparable in size to those produced by the traditional THERMOCOOL® Catheter



*Canine thigh preparation testing, 30 watts, 60 seconds, 10 g contact force, perpendicular position (data on file TR-0012187). The exact tissue temperatures and lesion sizes cannot be translated directly to the *in vivo* conditions.