

THE VALUE OF THERMOCOOL SMARTTOUCH® SF CATHETERS

THERMOCOOL SMARTTOUCH® SF Catheters reduce the volume of fluid required for a successful ablation compared to THERMOCOOL SMARTTOUCH® Catheters.¹

Excessive use of fluid to cool the catheter tip during radiofrequency ablation may increase the risk of complications.

COMPLICATIONS DUE TO EXCESSIVE USE OF FLUID ARE COSTLY.

High fluid use for catheter irrigation may increase the risk of complications including fluid overload, heart failure, acute exacerbation of heart failure, acute respiratory distress, hypoxia and pulmonary edema.^{2,3,4,5}

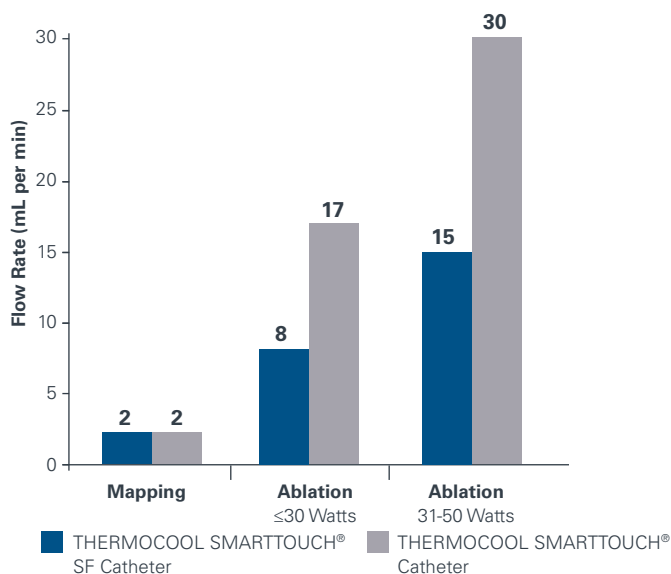
Total per patient cost of complications may be as high as:

 **€8,419**
FOR HEART FAILURE⁶

THERMOCOOL SMARTTOUCH® SF Catheters require substantially less fluid than THERMOCOOL SMARTTOUCH® Catheters to maintain adequate catheter cooling.^{7,8}

A porous tip enables efficient, uniform cooling across the entire catheter tip. This design helps create deeper lesions without added complications.⁹

The THERMOCOOL SMARTTOUCH® SF Catheter irrigation technology allows for use of half the recommended flow rate compared to the THERMOCOOL SMARTTOUCH® Catheter at a given power without compromising lesion quality.^{7,8}



 **52%**
LESS FLUID

Comparison of data from 2 individual prospective non-randomized IDE trials* shows that the THERMOCOOL SMARTTOUCH® SF Catheter delivers 52.2%** less fluid than the THERMOCOOL SMARTTOUCH® Catheter while maintaining acute success.¹

*2 IDE trials had differing protocols and workflow¹

**THERMOCOOL SMARTTOUCH® SF: 0.9 L vs. THERMOCOOL SMARTTOUCH®: 1.9 L¹

References

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3. Waldo AL, Wilber DJ, Marchlinski FE, Stevenson WG, Aker B et al. (2012) Safety of the open-irrigated ablation catheter for radiofrequency ablation: safety analysis from six clinical studies. *Pacing Clin Electrophysiol* 35 (9): 1081-1089.
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7. THERMOCOOL SMARTTOUCH® SF Instruction for use: M-5276-784 and M-5276-785.
8. THERMOCOOL SMARTTOUCH® Instruction for use: M-5276-684 and M-5276-692.
9. Bertaglia E, Fassini G, Anselmino M, Stabile G, Grandinetti G et al. (2013) Comparison of THERMOCOOL® Surround Flow catheter versus THERMOCOOL® Catheter in achieving persistent electrical isolation of pulmonary veins: a pilot study. *J Cardiovasc Electrophysiol* 24 (3): 269-273.

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This product can only be used by healthcare professionals in EMEA.

Important information: Prior to use, refer to the instructions for use supplied with this device for indications, contraindications, side effects, warnings and precautions.

The medical device herein mentioned is a class III and a regulated health product which bears the CE Mark 0086, BSI.