

POLARx™
CRYOABLATION SYSTEM



CRYOABLATION, REDESIGNED

POLARx™ CRYOABLATION SYSTEM



SMARTFREEZE™
Console



POLARx™
Cryoablation Catheter

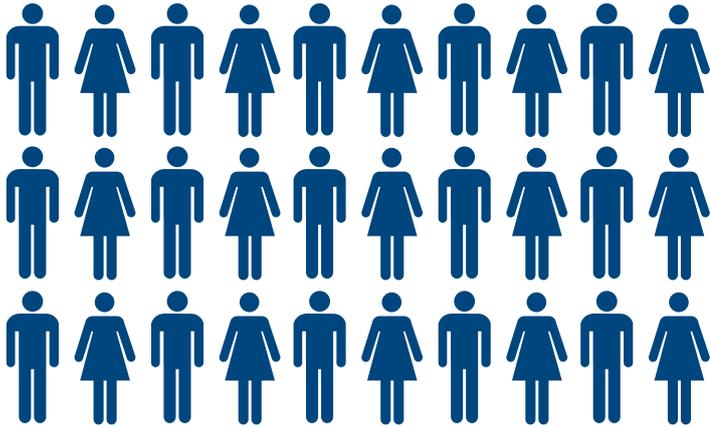
POLARMAP™
Circular Mapping Catheter



POLARSHEATH™
Steerable Sheath



POLARx retains the established approach and performance of cryoablation.



In a **30** patient CE mark clinical trial, there were no serious adverse events at **30-day** follow-up¹

Pulmonary vein isolation was achieved in **120/120** veins with no RF touch-ups¹

120

120

3 out of **4** veins were isolated with a single cryo-thermo application¹



POLARx is designed to implement well-documented limitations of the

SMARTFREEZE™ CONSOLE

Customize the console to fit your needs.



Recent physician-driven changes to current approach to cryoablation.

POLARSHEATH™

STEERABLE SHEATH

Approach the pulmonary veins with confidence with the gradual tip taper and tight bend radius.

Gradual Tip Taper

Smooth Transition from Sheath to Dilator

- ▶ Gradual tip taper allows smooth transition and low crossing profile
- ▶ Sheath hugs the dilator tightly

Key Dimensions

Sheath OD	15.9 Fr
Sheath ID	12.7 Fr
Dilator Taper	14.3mm
Dilator Tip OD	1.6mm

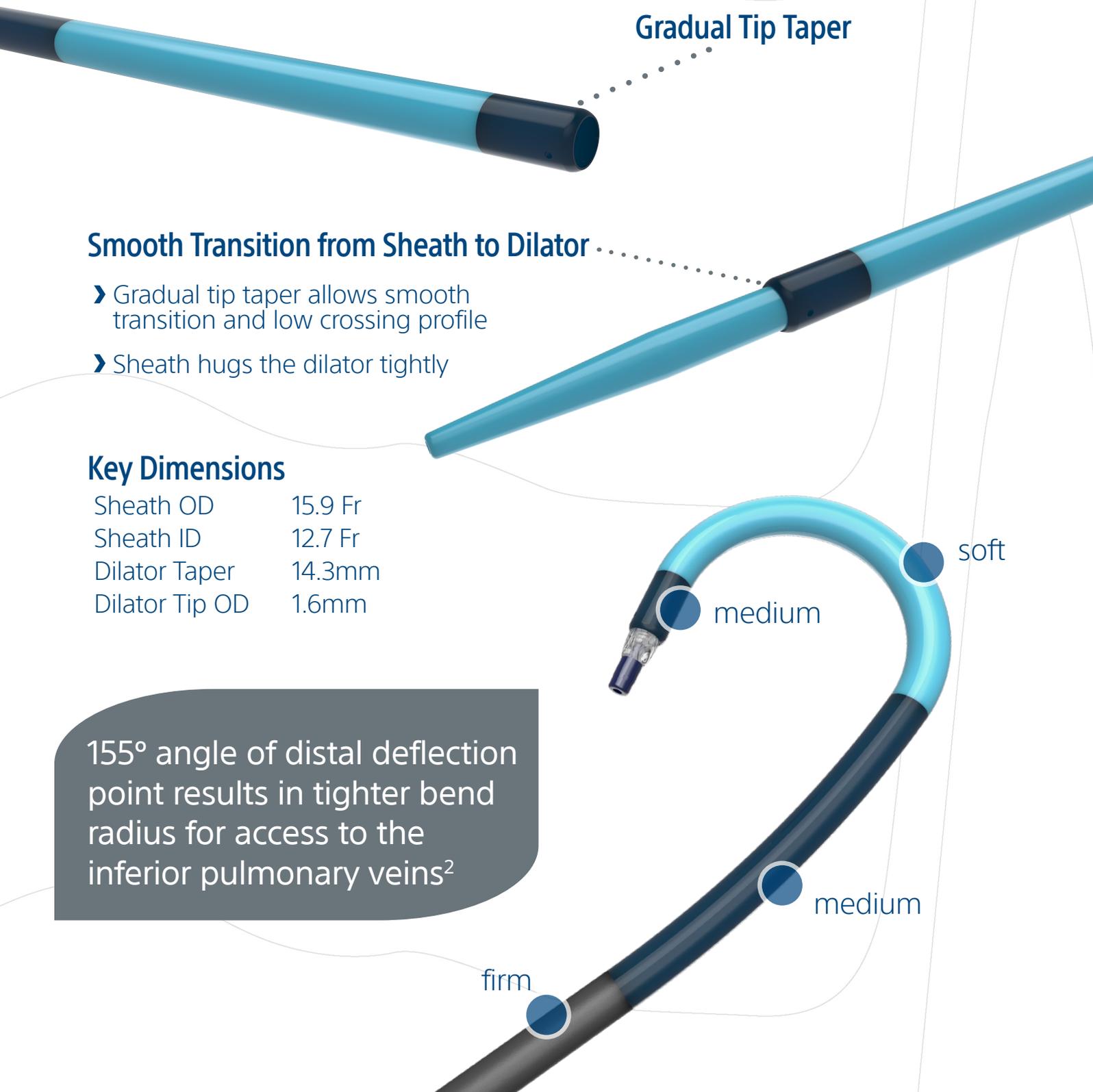
155° angle of distal deflection point results in tighter bend radius for access to the inferior pulmonary veins²

soft

medium

medium

firm

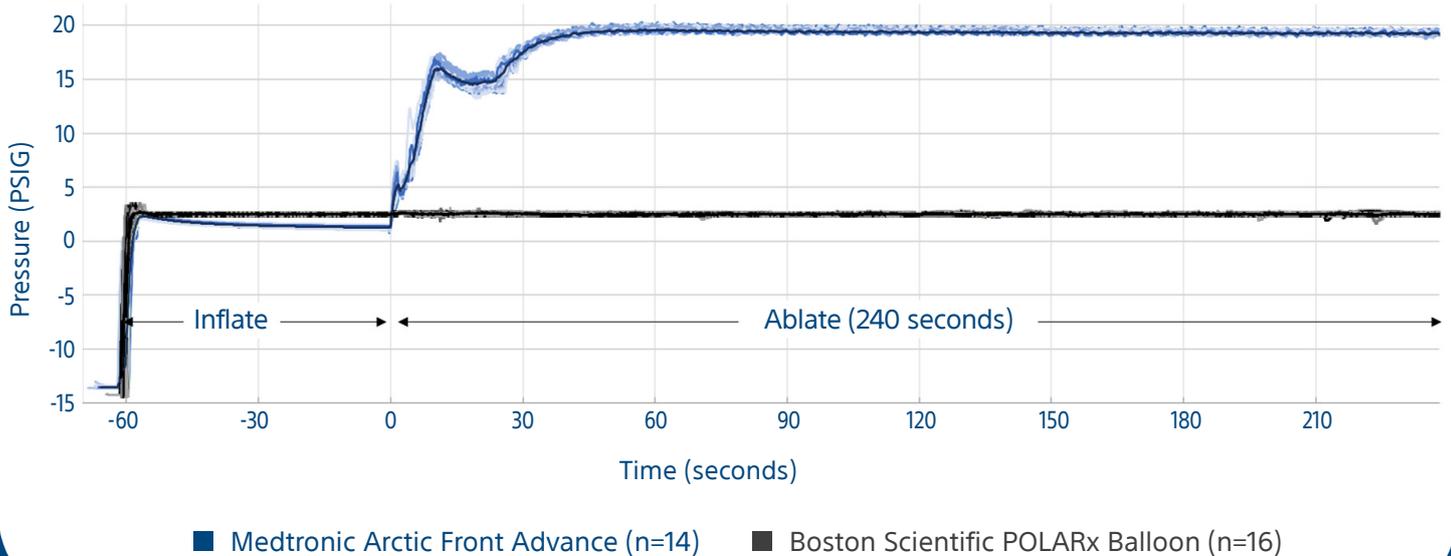


POLARx is designed to implement well-documented limitations of the

POLARxTM CRYOABLATION CATHETER

Maintain stable balloon placement with uniform size and pressure through all ablation phases.

POLARx vs. Arctic Front AdvanceTM: Inner Balloon Stability During Cryoablation³

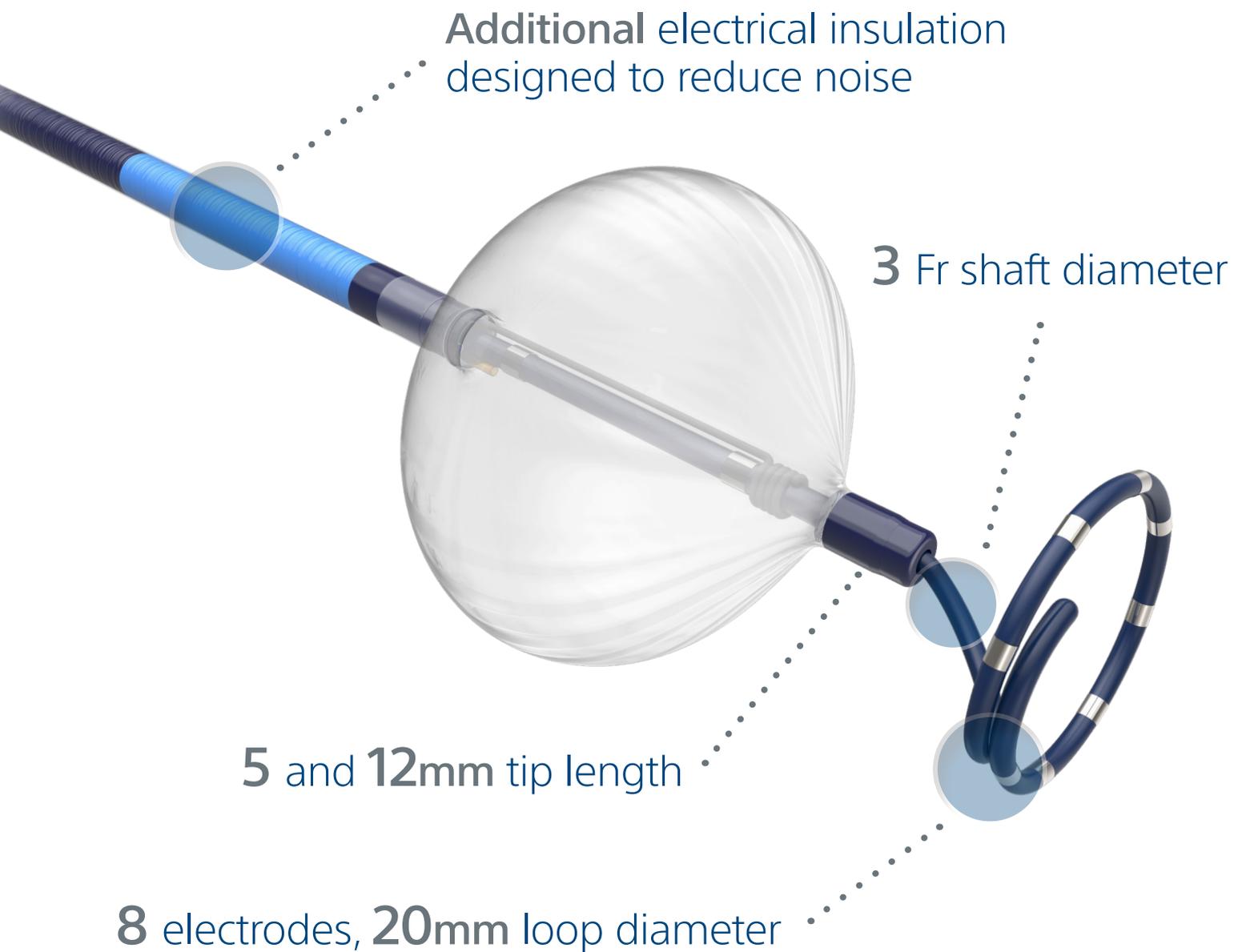


The POLARx advanced technology provides a stable balloon size of 28mm through the inflation and ablation phases, preventing procedure disruptions due to dislodgement, shift or pop-out.

Recent physician-driven changes to
current approach to cryoablation.

POLARMAP™ CIRCULAR MAPPING CATHETER

Optimize signal monitoring with additional electrical insulation
for reduced noise.



POLARx™ CRYOABLATION SYSTEM

Ordering Information

PRODUCT NAME	PRODUCT DESCRIPTION	UPN
POLARSHEATH™	POLARSHEATH Steerable Sheath	M004CRBS3050
POLARx ST	POLARx Balloon Catheter ST 28mm	M004CRBS2000
POLARx LT	POLARx Balloon Catheter LT 28mm	M004CRBS2010
POLARMAP™	POLARMAP Mapping Catheter 20mm	M004CRBS7200
SMARTFREEZE™ Console	SMARTFREEZE Cryo Console	M004CRBS4000
Esophageal Temp Sensor Cable	Temp Sensor Cable	M004CRBS6310
DMS Sensor	Diaphragm Movement Sensor	M004CRBS6110
Cryo Extension Cable	SMARTFREEZE Electrical Ext Cable	M004CRBS5100
Cryo Cable	Cryo Gas Cable	M004CRBS5200
POLARMAP EGM Pin Breakout Cable	POLARMAP EGM Pin Breakout Cable	M004CRBS6200
Interconnection Box (ICB)	Interconnection Box	M004CRBS4110
Dual Foot Pedal Switch	Foot Switch	M004CRBS4200
N ₂ O Tank Wrench	N ₂ O Tank Wrench	M004CRBS6400

¹ Anic A, Lever, N, Martin A, et al. First in Human Experience: Procedural Safety and Efficacy of a Novel Cryoballoon Pulmonary Vein Ablation System. S-AB26-05 Oral Abstract. HRS 2019. May 8-11, 2019. San Francisco, CA.

² BSC Data on file with Boston Scientific, 2019.

³ Bench Test results may not necessarily be indicative of clinical performance. Methods: N=1 with multiple runs of each system. Test methods for inflation and ablation cycles were consistent with POLARx and MDT Arctic Front Cryo ablation system DFUs. Bench testing performed in a 37C saline solution bath.

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