

Better
crossability



43% less friction during
simultaneous use



38% more
pushability



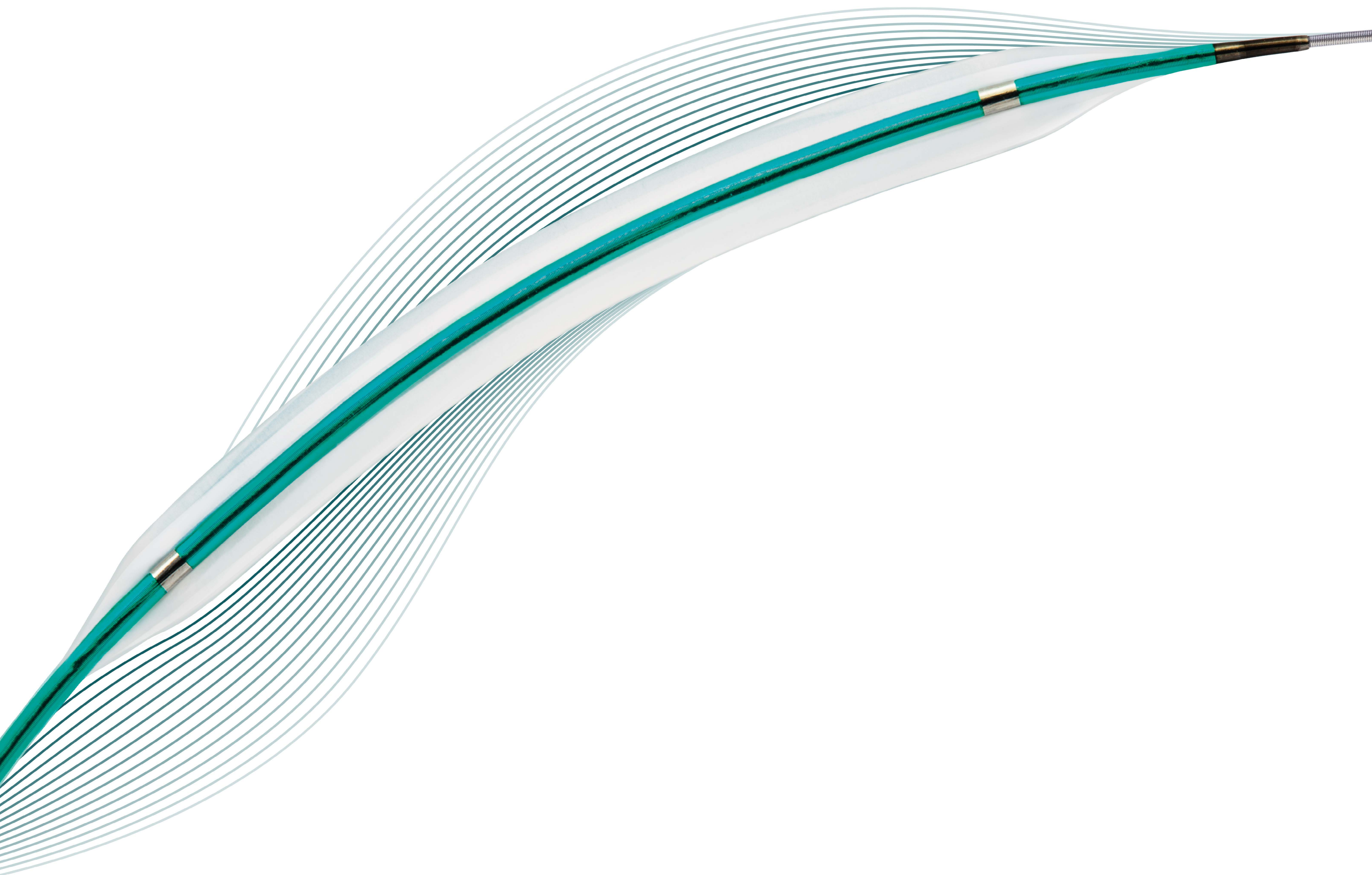
Technical data /
ordering info

Vascular Intervention // Coronary
Semi-Compliant Balloon Catheter

 **BIOTRONIK**
excellence for life

Pantera[®] Pro

High push. High cross coronary balloon.





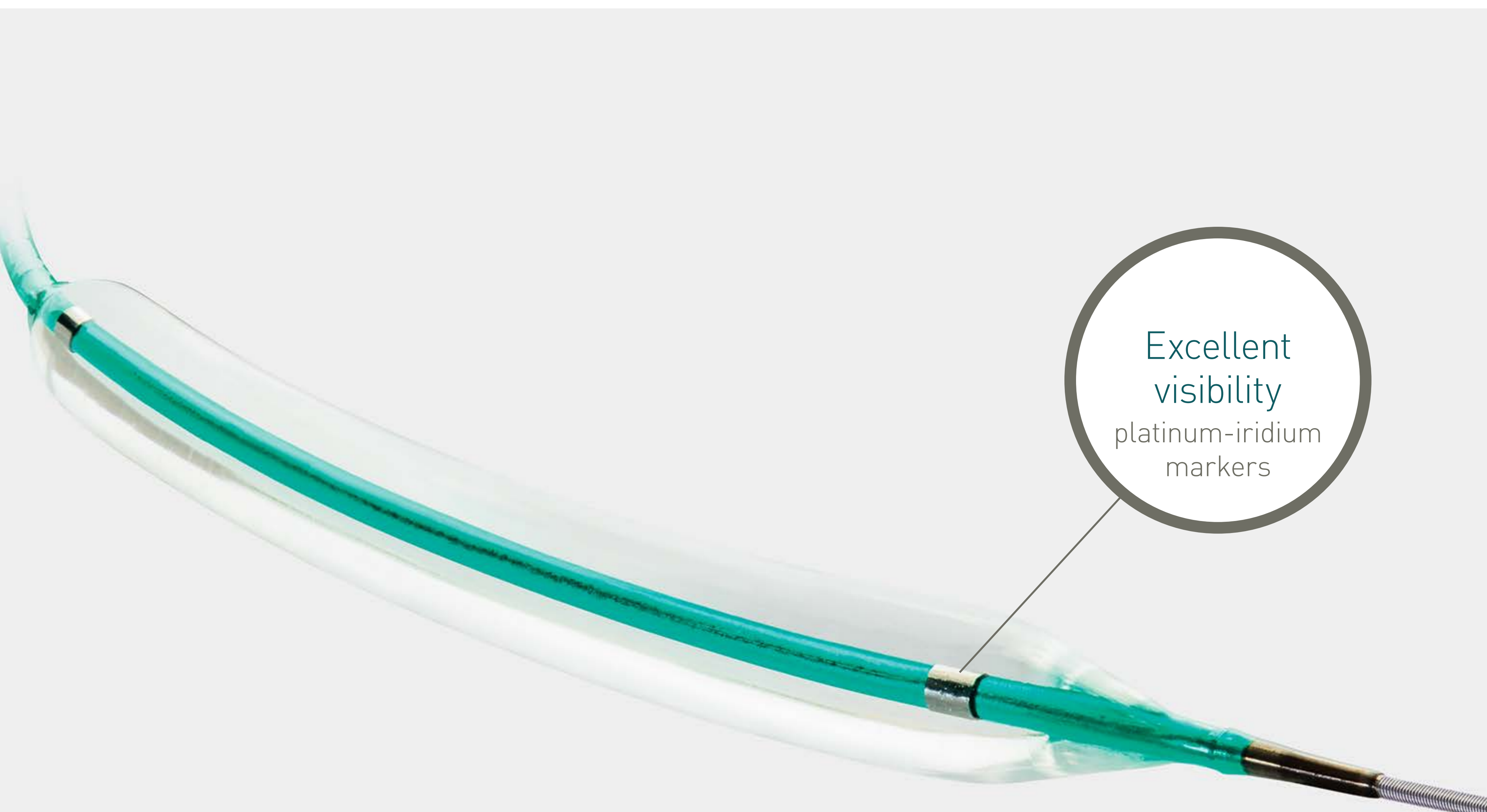
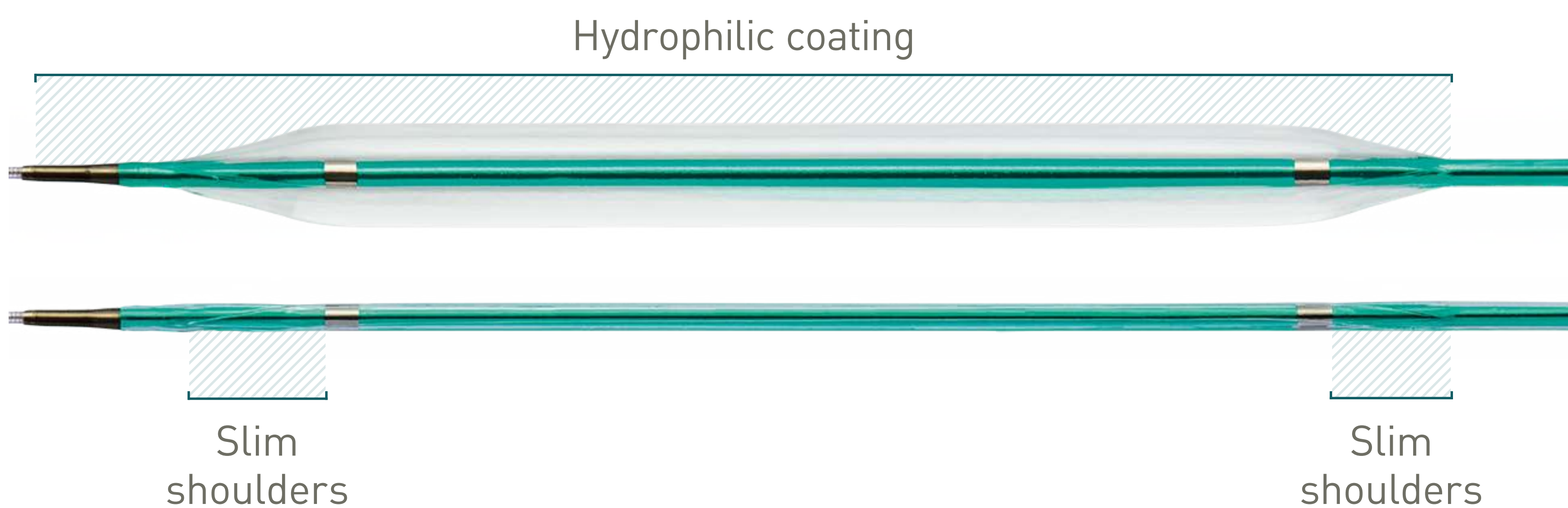
Pantera Pro

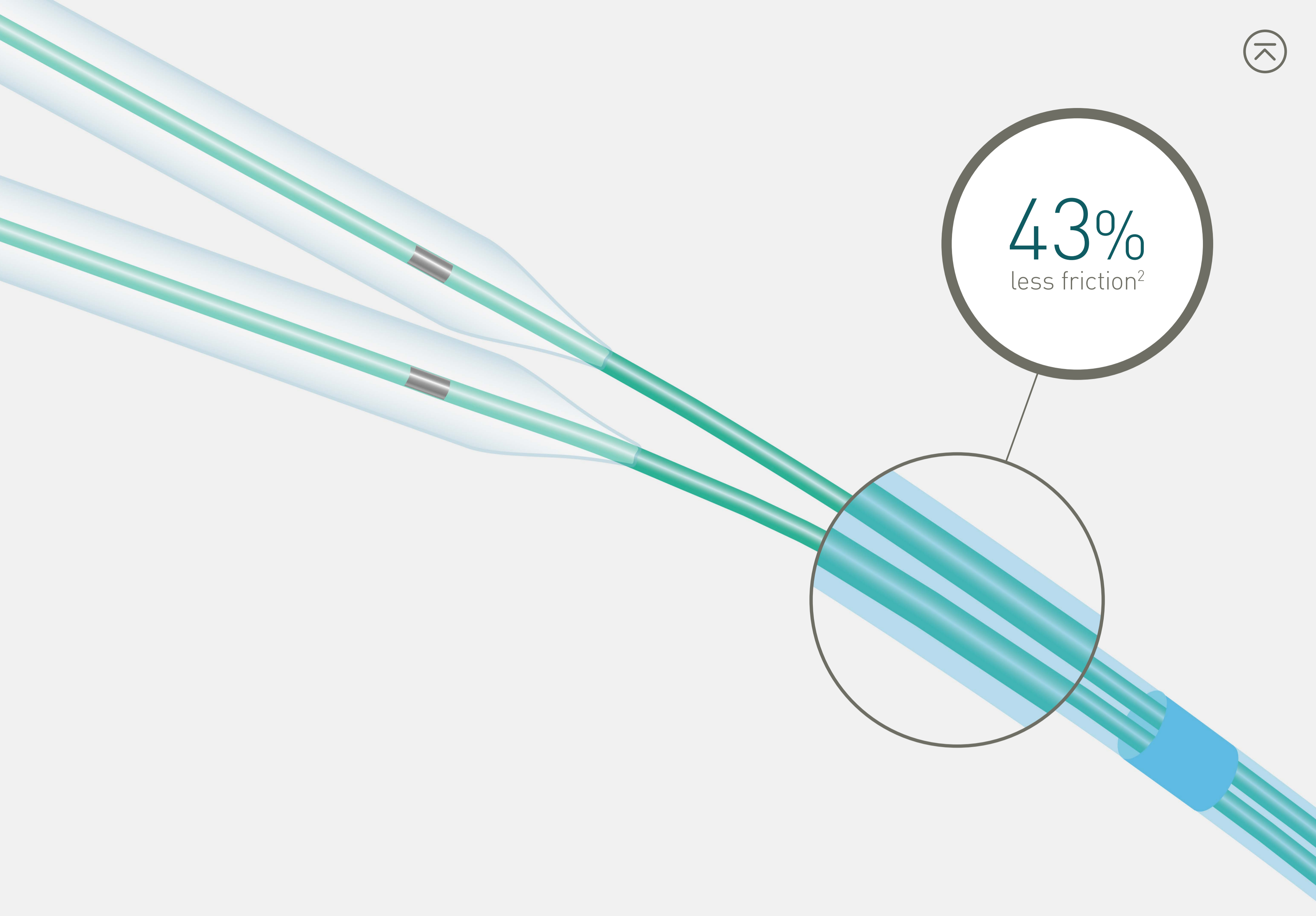
High push. High cross coronary balloon.

Better crossability¹

Slim shoulders and hydrophilic coating*

Proprietary balloon material for small sizes allows for slim shoulders while maintaining durability. Slim shoulders coupled with hydrophilic coating* facilitate better crossing.¹



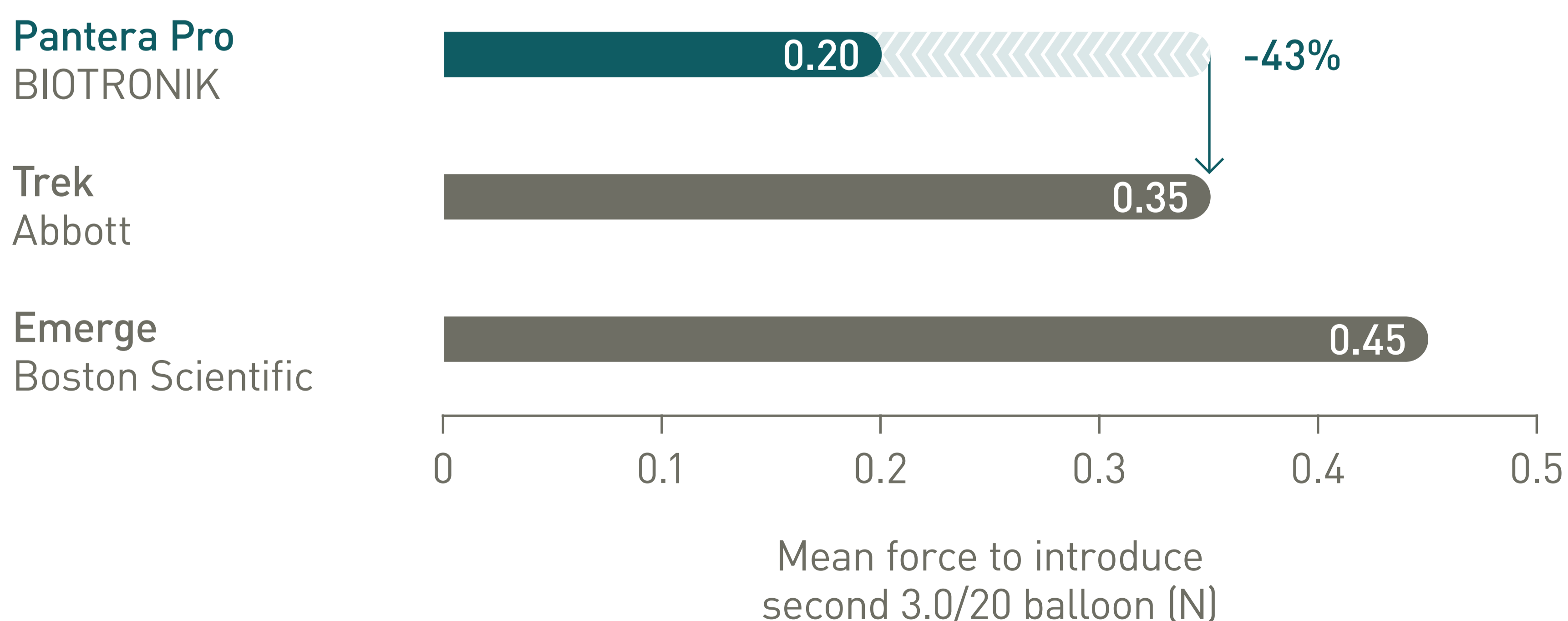


43% less friction² during simultaneous use

Reduced distal shaft profile

The reduced distal shaft profile lowers friction when using two balloons in a 6F guiding catheter.**

Lowest friction during simultaneous use of two balloons compared to main competitors²



* \varnothing 1.25-2.0 mm

** Any combination of two diameters not larger than 3.5 mm within a 6F guiding catheter with a minimal inner diameter of 0.070"/1.78 mm.

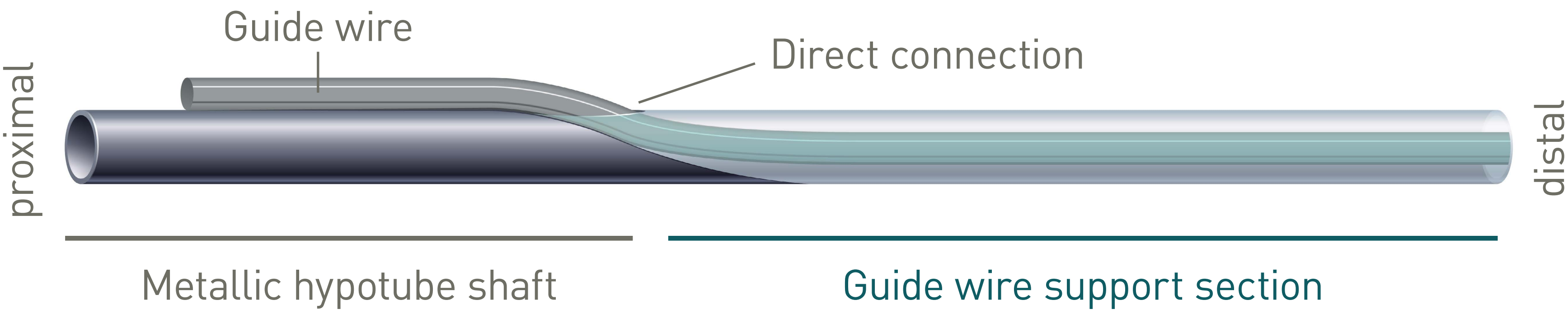


38% more pushability³

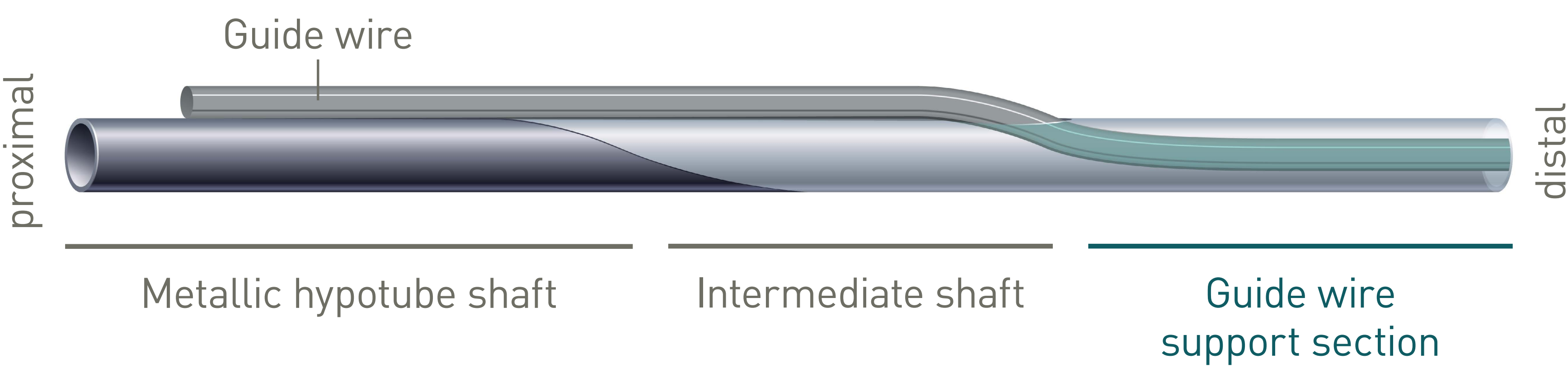
Enhanced Force Transmission shaft

BIOTRONIK's unique Enhanced Force Transmission shaft results in optimal pushability due to the direct transition from proximal metallic hypotube to distal guide wire support section.

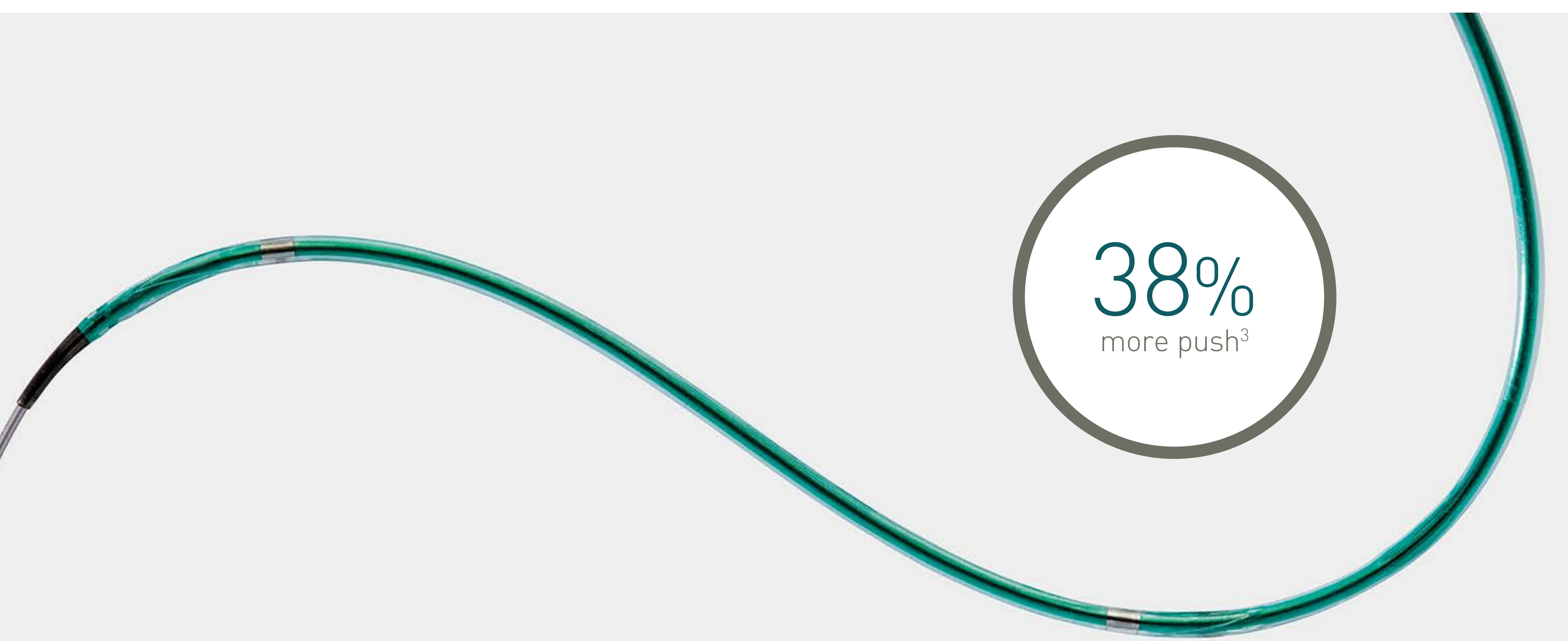
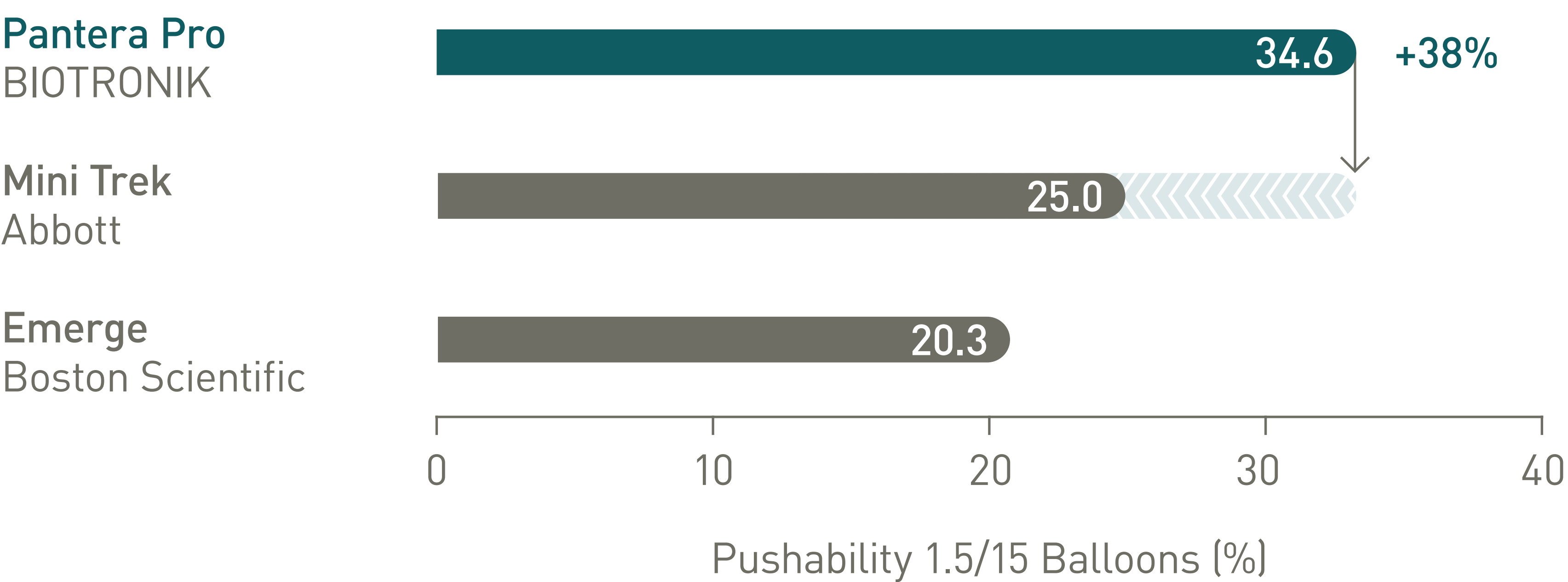
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Competitors



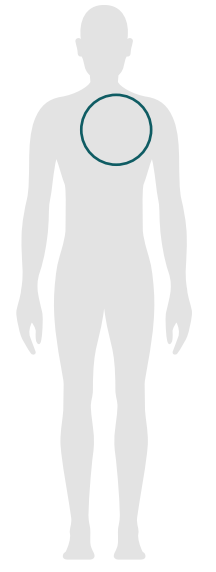
Pushability comparison





Pantera[®] Pro

Vascular
Intervention
Coronary



Indicated for dilatation of coronary artery or bypass graft stenosis.*

Technical Data	Proximal shaft	
Design	Hypotube design	
Diameter	2.0F	
Shaft markers	92 cm and 102 cm from tip	
Distal shaft		
Guiding catheter	5F (min. I.D. 0.056" / 1.42 mm)	
Guide wire diameter	0.014"	
Lesion entry profile	0.017"	
Usable length	140 cm	
Balloon material	Semi Crystalline Co-Polymer	
Balloon folding	ø 1.25 - 1.5 mm: Two-fold; ø 2.0 - 4.0 mm: Tri-fold	
Balloon markers	Platinum-Iridium: ø 1.25 - 1.5 mm one marker; ø 2.0 - 4.0 mm two markers	
Coating distal shaft	Hydrophilic (end of balloon to Guide Wire (GW) exit port)	
Balloon and tip coating	ø 1.25 - 2.0 mm: Hydrophilic ø 2.50 - 4.0 mm: Hydrophobic	
Simultaneous use compatibility	6F guiding catheter (min. I.D. 0.070" / 1.78 mm), up to ø 3.5 mm	
Diameter	2.6F (ø 1.25 - 2.0 mm); 2.7F (ø 2.5 - 3.5 mm); 2.9F (ø 4.0 mm)	

Compliance Chart		Balloon diameter x length (mm)						
		ø 1.25 x 6-20	ø 1.50 x 6-20	ø 2.00 x 10-30	ø 2.50 x 10-30	ø 3.00 x 10-30	ø 3.50 x 10-30	ø 4.00 x 10-30
Nominal Pressure (NP)	atm**	7	7	7	7	7	7	7
	ø (mm)	1.24	1.49	2.01	2.49	3.08	3.62	3.95
Rated Burst Pressure (RBP)	atm**	14	14	14	14	14	14	14
	ø (mm)	1.37	1.72	2.23	2.93	3.50	4.06	4.55

**1 atm = 1.013 bar

Ordering Information	Balloon ø (mm)	Catheter length 140 cm Balloon length (mm)					
		6	10	15	20	25	30
5F	1.25	393289	393291	393298	393305	-	-
	1.50	393290	393292	393299	393306	-	-
	2.00	-	393293	393300	393307	393312	393317
	2.50	-	393294	393301	393308	393313	393318
	3.00	-	393295	393302	393309	393314	393319
	3.50	-	393296	393303	393310	393315	393320
	4.00	-	393297	393304	393311	393316	393321

1. Bench test with 1.5/15mm size when compared to Mini Trek and Emerge, BIOTRONIK data on file; 2. Bench test with 3.0/20mm size when compared to Trek, BIOTRONIK data on file; 3. Bench test with 1.5/15mm size when compared to Mini Trek, BIOTRONIK data on file.

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*Indication as per IFU.

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