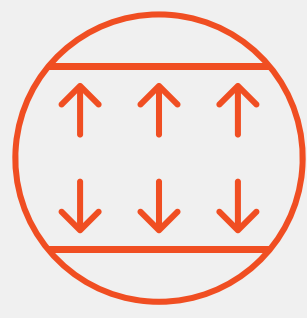
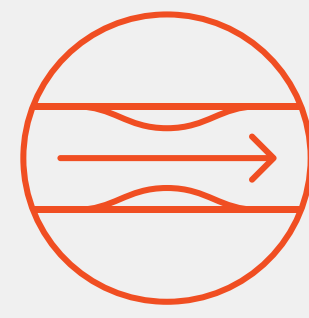


Lowest compliance
in class¹ avoiding
dog-bone effect



Precise dilatation²



Enhanced
crossability²

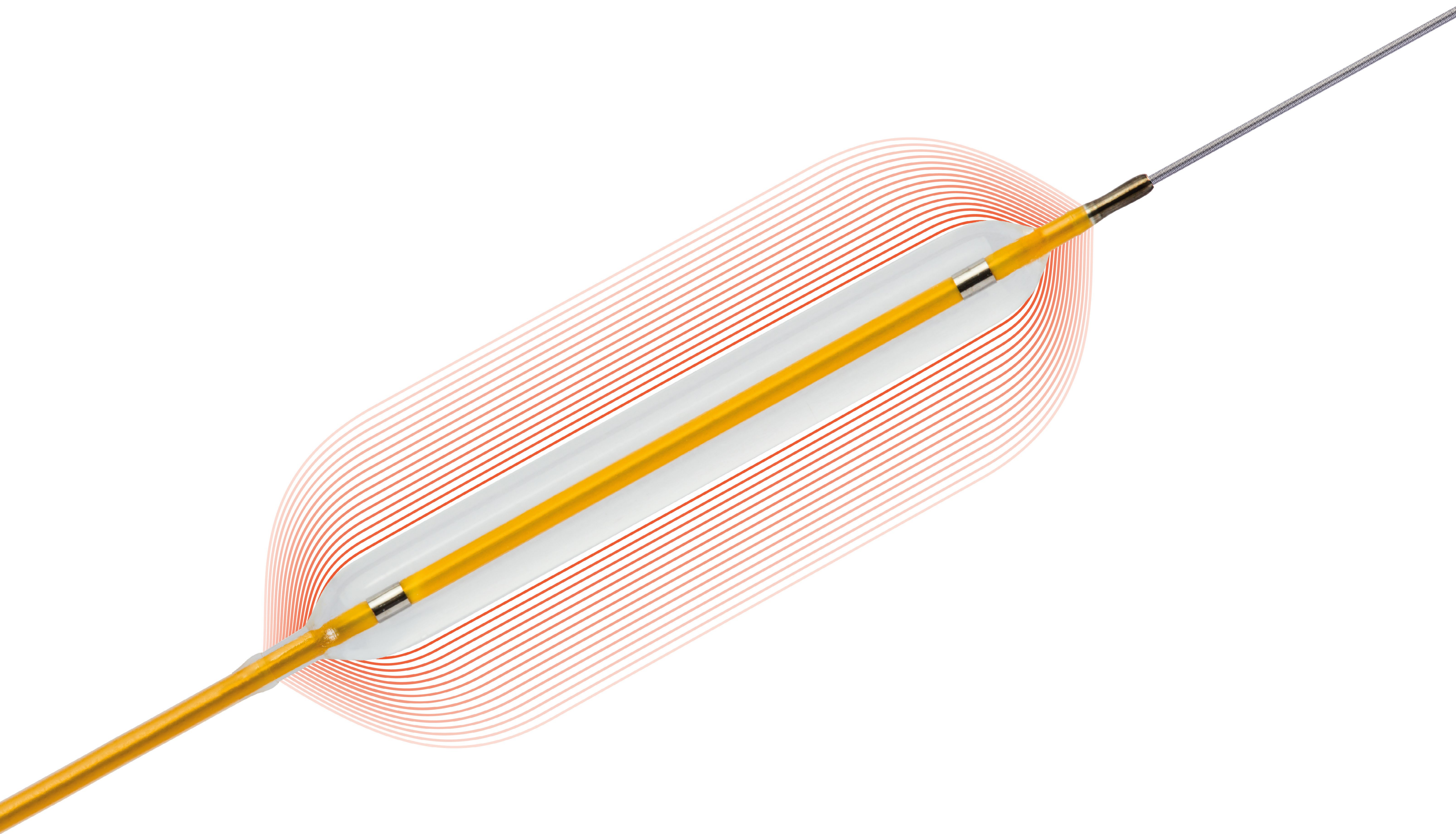


Technical data /
ordering info

Vascular Intervention // **Coronary**
Non-Compliant High Pressure
Balloon Catheter

 **BIOTRONIK**
excellence for life

Pantera[®] LE0



Pantera LEO

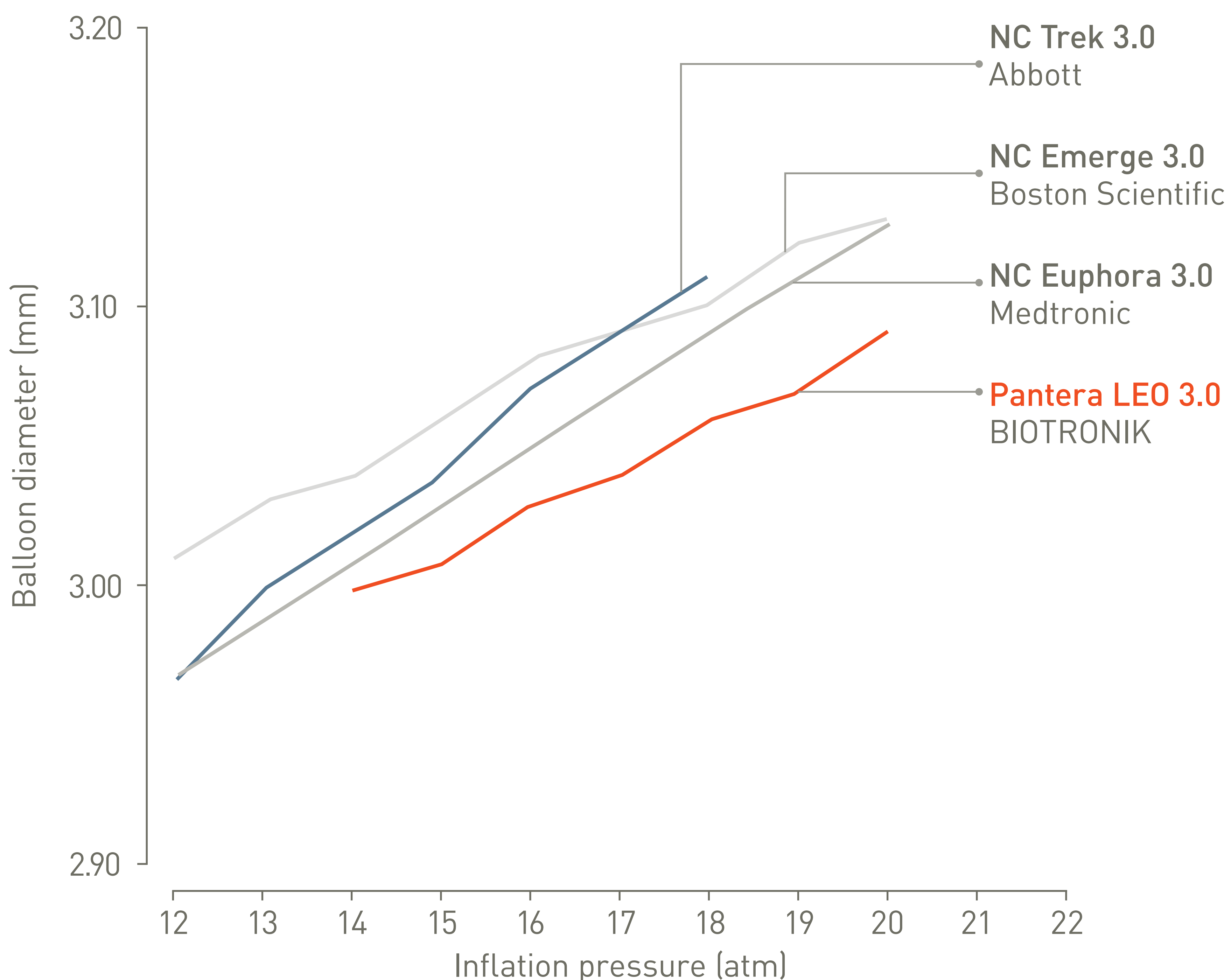
Lowest compliance in class, precise dilatation and enhanced crossability.

Lowest compliance in class¹ avoiding dog-bone effect

The Pantera LEO high pressure balloon has the lowest compliance in class¹ which ensures controlled minimal growth up to Rated Burst Pressure (RBP) without any dog-bone effect.

More controlled growth from Nominal Pressure (NP) to RBP¹

Compliance curves 3.0 mm balloons
(Values shown between NP and RBP)



Precise dilatation²

Extra short balloon shoulders

The extra short balloon shoulders reduce longitudinal balloon growth, minimizing the potential for vessel trauma outside the treatment area.

Longitudinal balloon growth between NP and RBP²

Pantera LEO
BIOTRONIK

NP at 14 atm

RBP at 20 atm

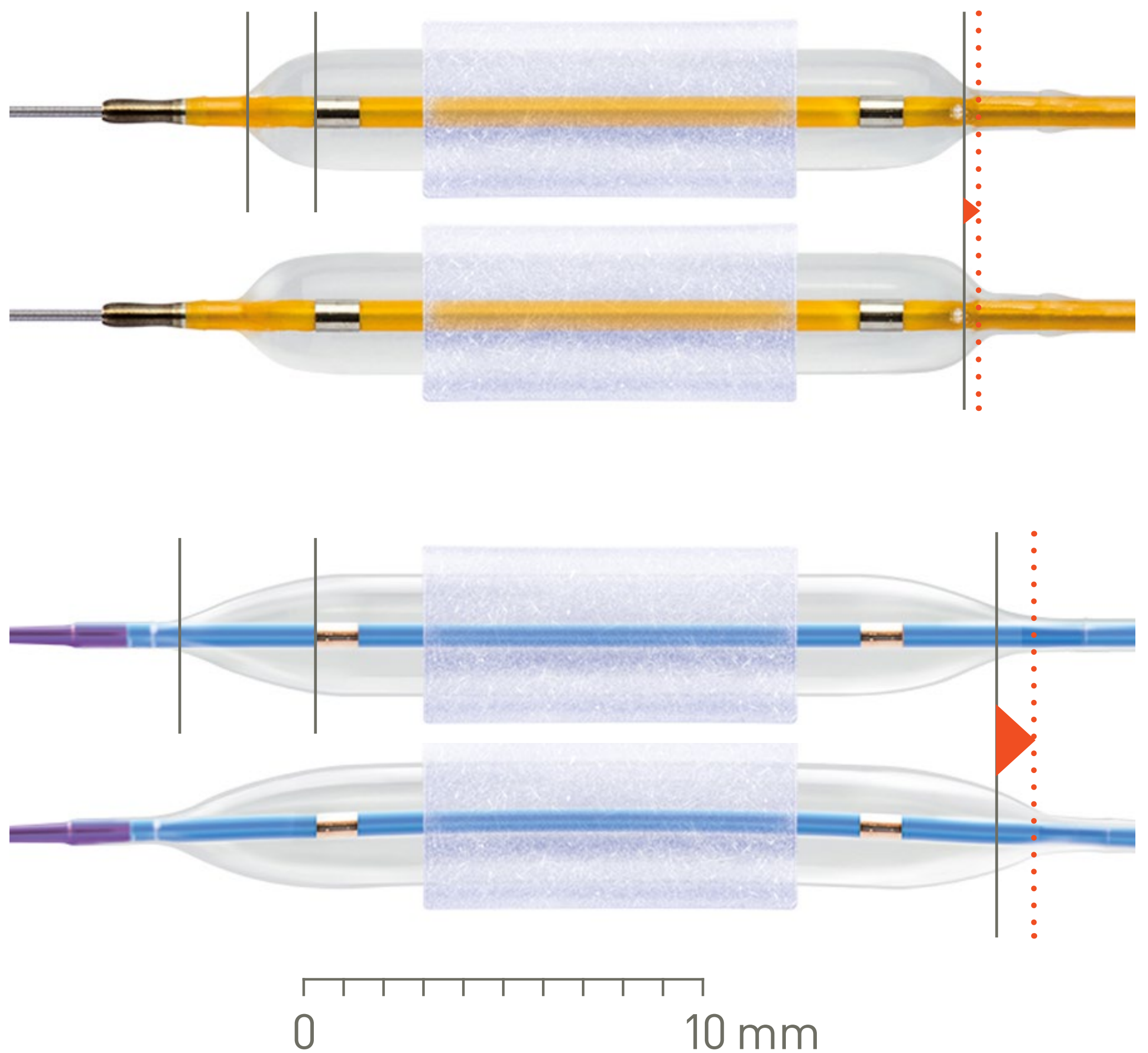
NC Emerge
Boston Scientific

NP at 12 atm

RBP at 20 atm

Extra short shoulders

Minimal growth





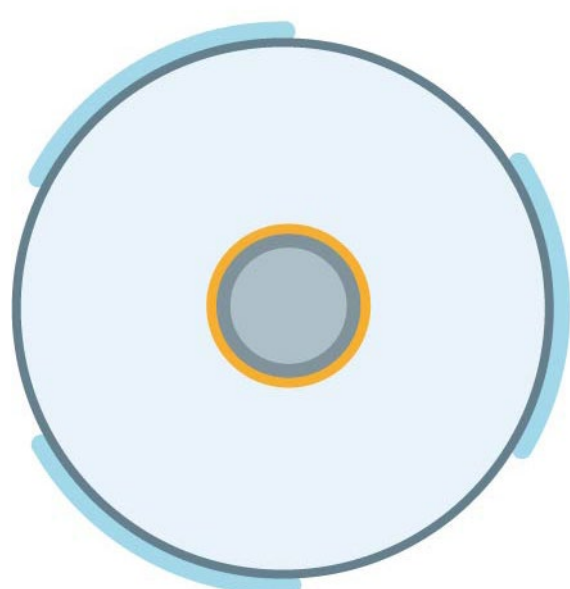
Enhanced crossability²

Patchwork coating

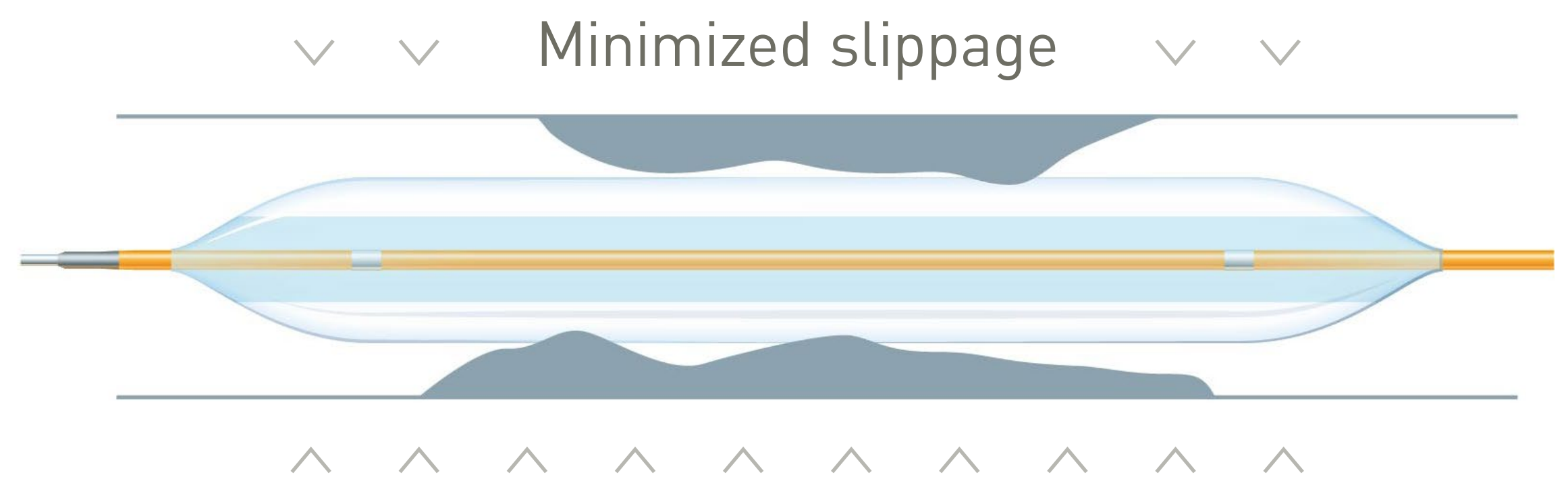
The tri-fold balloon is fully coated when folded but only partially coated when inflated. The resulting patchwork coating enables enhanced crossability while minimizing slippage during dilatation.



Folded balloon



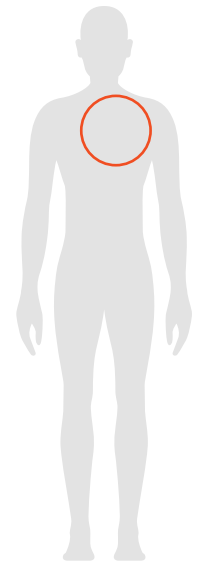
Inflated balloon





Pantera® LEO

Vascular
Intervention
Coronary



Indicated for stent post-dilatation and dilatation of a 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	
Coating		Hydrophobic	
		Distal shaft	
Guiding catheter		5F (min. I.D. 0.056")	
Guide wire diameter		0.014"	
Lesion entry profile		0.018"	
Usable length		145 cm	
Distal shaft length		34 cm	
Balloon material		SCP (Semi Crystalline Polymer)	
Balloon folding		3-fold	
Balloon markers		Platinum-Iridium	
Coating		Hydrophilic (end of balloon to guide wire exit port); hydrophobic (balloon and tip)	
Diameter		2.6F (ø 2.0 - 3.75 mm); 2.7F (ø 4.0 - 5.0 mm)	

Compliance Chart		Balloon diameter x length (mm)										
		ø 2.00	ø 2.25	ø 2.50	ø 2.75	ø 3.00	ø 3.25	ø 3.50	ø 3.75	ø 4.00	ø 4.50	ø 5.00
		x	x	x	x	x	x	x	x	x	x	x
		8-30	8-30	8-30	8-30	8-30	8-30	8-30	8-30	8-30	8-30	8-30
Nominal Pressure (NP)	atm**	14	14	14	14	14	14	14	14	14	14	14
	ø (mm)	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50	5.00
Rated Burst Pressure (RBP)	atm**	20	20	20	20	20	20	20	20	20	18	18
	ø (mm)	2.05	2.32	2.57	2.83	3.09	3.35	3.61	3.89	4.12	4.56	5.07

**1 atm = 1.013 bar

Ordering Information	Balloon ø (mm)	Catheter length 145 cm Balloon length (mm)				
		8	12	15	20	30
	2.00	366991	367002	367013	367024	367035
	2.25	366992	367003	367014	367025	367036
	2.50	366993	367004	367015	367026	367037
	2.75	366994	367005	367016	367027	367038
	3.00	366995	367006	367017	367028	367039
	3.25	366996	367007	367018	367029	367040
	3.50	366997	367008	367019	367030	367041
	3.75	366998	367009	367020	367031	367042
	4.00	366999	367010	367021	367032	367043
	4.50	367000	367011	367022	367033	367044
	5.00	367001	367012	367023	367034	367045

5F

1. When compared to main competitors, compliance curves 3.0 mm balloons, BIOTRONIK Data on file; 2. BIOTRONIK Data on file.

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*Indication as per IFU.

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