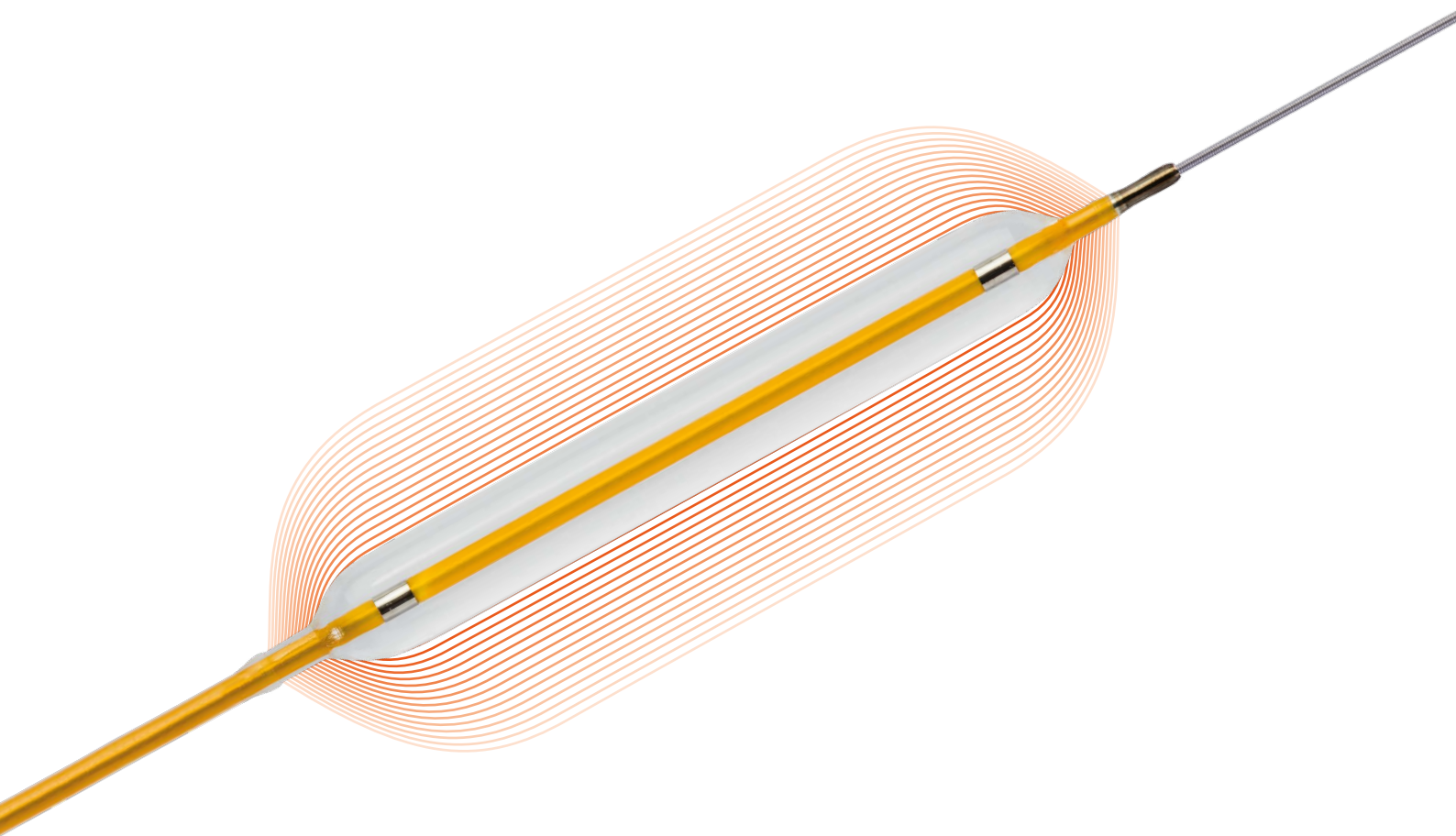




VI Product Catalogue

May 2020

Pantera[®] LE0



Lowest compliance in class
avoiding dog-bone effect



Precise dilatation



Enhanced crossability
and accurate placement



BIOTRONIK
excellence for life

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 GW 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 x 8-30	ø 2.25 x 8-30	ø 2.50 x 8-30	ø 2.75 x 8-30	ø 3.00 x 8-30	ø 3.25 x 8-30	ø 3.50 x 8-30	ø 3.75 x 8-30	ø 4.00 x 8-30	ø 4.50 x 8-30	ø 5.00 x 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
5F	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	

*Indication as per IFU.

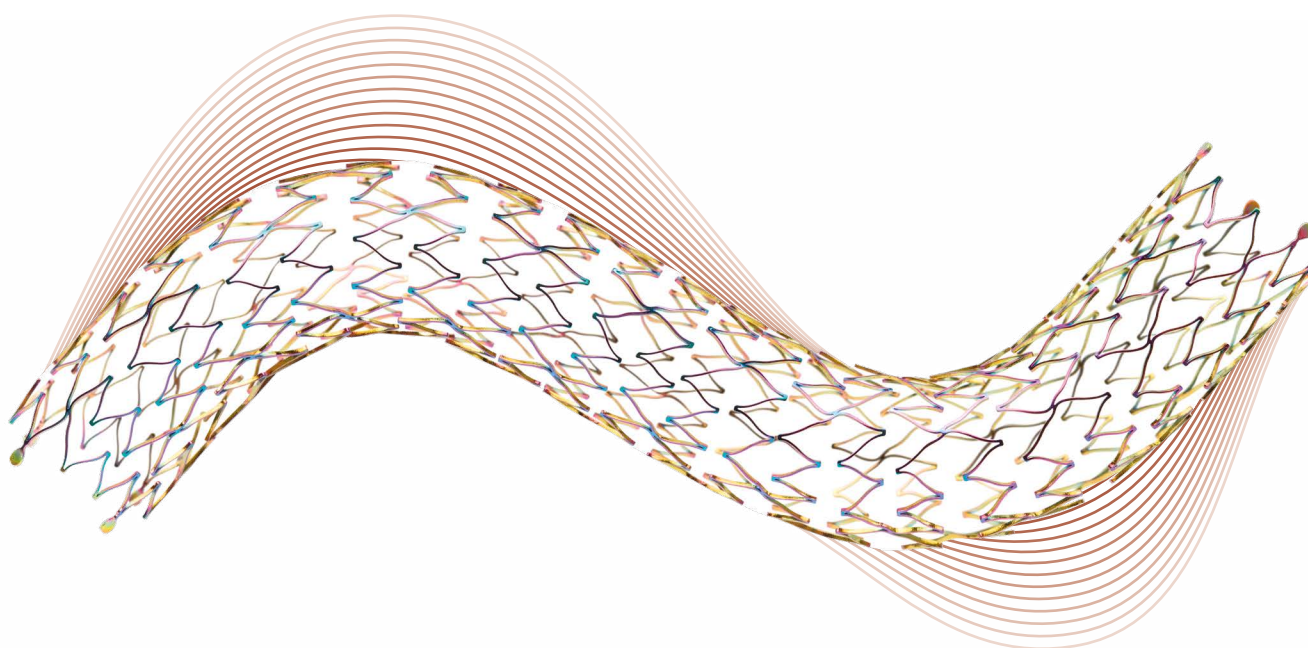
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BIOTRONIK
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Astron[®]



Clinically proven stent for the treatment of iliac disease



Pull-back delivery system for simple stent deployment



5.2F proximal shaft for contrast injection with device in sheath



BIOTRONIK
excellence for life

Astron®

Vascular
Intervention
Peripheral



Indicated for use in patients with atherosclerotic disease of the iliac arteries and for the treatment of insufficient results after percutaneous transluminal angioplasty (PTA), e.g. residual stenosis and dissection.

Technical Data		Stent				
		Catheter type	OTW			
		Recommended guide wire	0.035"			
		Stent material	Nitinol			
		Strut thickness	225 µm (ø 10 mm = 230 µm)			
		Stent coating	proBIO® (Amorphous Silicon Carbide)			
		Stent markers	4 gold markers each end			
		Sizes	ø 7 - 10 mm; L: 30 - 80 mm			
		Proximal shaft	5.2F, hydrophobic coating			
		Usable length	70 and 120 cm			
Ordering Information		Stent ø (mm)	Catheter length 70 cm Stent length (mm)			
			30	40	60	80
6F	7.0	343773	343774	343775	343776	
	8.0	343777	343778	343779	343780	
	9.0	343781	343782	343783	343784	
	10.0	-	349214	349215	349216	
		Stent ø (mm)	Catheter length 120 cm Stent length (mm)			
			30	40	60	80
6F	7.0	343785	343786	343787	343788	
	8.0	343789	343790	343791	343792	
	9.0	343793	343794	343795	343796	

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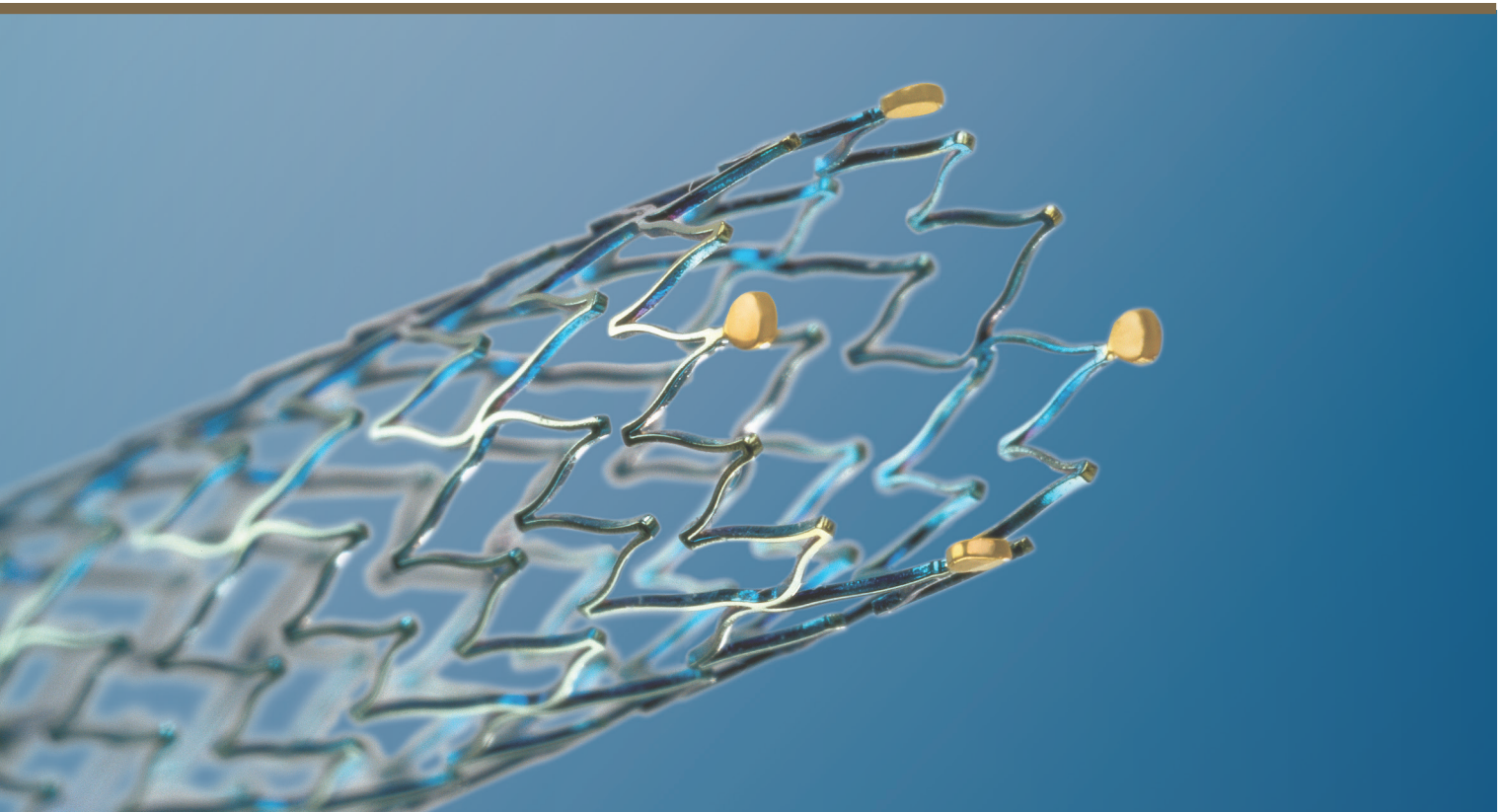
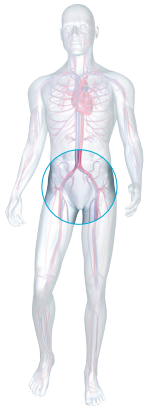
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Astron

Self-Expanding Stent/0.035"/OTW

Indicated for atherosclerotic disease of iliac arteries



- Pull-back delivery system for simple stent deployment
- 5.2F proximal shaft for contrast injection with device in sheath
- Segmented stent design and thick struts for sufficient chronic outward force
- S-articulating connecting bars and peak-to-valley design for multi-directional flexibility

Astron

Strength with flexibility

A stent designed for iliac artery lesions which are often calcified and occluded. Both stent and markers are completely coated with **proBIO**. Unique “S-articulations” to allow stent conformability. The particular design respects the vessel movement without compromising the needed strength.

Easy release

Relieves friction of introducer valve on the retractable shaft during stent deployment for a smoother action.

Pull-back delivery system

Enables simple stent deployment.

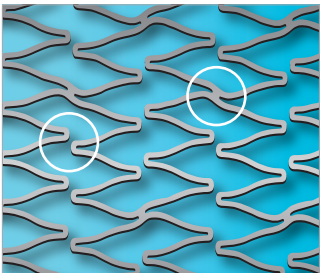
Safety tab

Avoids accidental stent deployment.

Segmented stent design for iliac artery

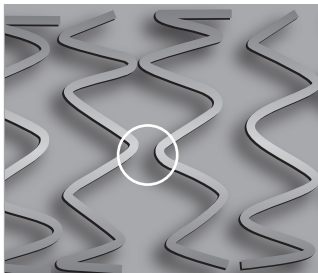
- Peak-to-valley design and S-articulating connecting bars provide multi-directional flexibility and avoid fish-scaling in tortuous arteries.
- Segmented design and strut thickness designed to provide sufficient chronic outward force.

Astron Peak-to-Valley



Peak-to-Valley S-articulating

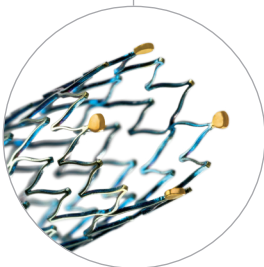
Competitive Peak-to-Peak



Peak-to-Peak

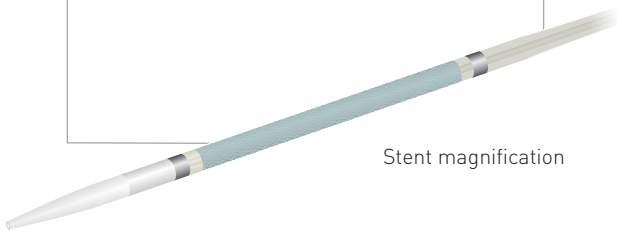
Enhanced visibility

Four gold markers at each end of the stent enhance visibility.



6F Introducer compatibility

6F distal shaft with 5.2F proximal shaft for contrast injection with device positioned inside introducer and across lesion.

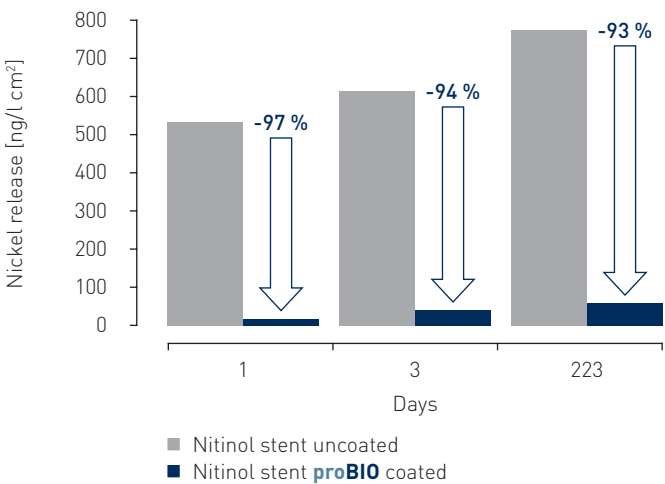


Stent magnification

Improved stent surface biocompatibility¹

Excellent results with **proBIO** coated stents. Effective and reliable barrier to Nickel and other metal ions diffusion.

Nickel release



¹ Nickel release test results; BIOTRONIK Data on file

Astron

Self-Expanding Nitinol Stent/0.035"/OTW

Technical Data	Stent	
	Catheter type	OTW
	Recommended guide wire	0.035"
	Stent material	Nitinol
	Strut thickness	225 µm (ø 10 mm = 230 µm)
	Stent coating	proBIO (Amorphous Silicone Carbide)
	Stent markers	4 gold markers each end
	Sizes	ø 7 - 10 mm; L: 30 - 80 mm
	Proximal shaft	5.2F, hydrophobic coating
	Usable length	70 and 120 cm

Ordering Information	Stent ø (mm)	Catheter length 70 cm Stent length (mm)			
		30	40	60	80
	7.0	343773	343774	343775	343776
	8.0	343777	343778	343779	343780
6F	9.0	343781	343782	343783	343784
	10.0	-	349214	349215	349216

	Stent ø (mm)	Catheter length 120 cm Stent length (mm)			
		30	40	60	80
	7.0	343785	343786	343787	343788
	8.0	343789	343790	343791	343792
6F	9.0	343793	343794	343795	343796

Astron is part of the BIOTRONIK **6F** Solutions portfolio, including:

■ Introducer Sheath: **Fortress** ■ Balloons: **Passeo-35, Passeo-35 HP** ■ Stents: **Dynamic, Pulsar-35**

For ordering please contact your
local sales representative

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