

Vascular Intervention // **Coronary**
Drug-Eluting Stent System

Synsiro[®] Pro_{DES}

The Next Level of Deliverability.
Proven Clinical Performance.^Δ



The next level of deliverability¹



Ultrathin struts²



Outstanding patient outcomes³

Synsiro[®] Pro DES

Vascular
Intervention
Coronary



The Synsiro Pro Sirolimus-Eluting Coronary Stent System is a drug-eluting balloon-expandable stent pre-mounted on a rapid-exchange PTCA catheter delivery system.

Indication

Synsiro Pro DES is indicated for improving coronary luminal diameter in patients with symptomatic ischemic heart disease due to discrete de-novo stenotic lesions and in-stent restenotic lesions (length ≤ 40 mm) in the native coronary arteries with a reference vessel diameter of 2.25 mm to 4.0 mm including the following patient and lesion subsets:

Acute Coronary Syndrome (ACS)	Long Lesions (LL) (e.g. ≥ 20 mm)
ST-Elevation Myocardial Infarction (STEMI)	Small Vessels (SV) (e.g. ≤ 2.75 mm)
Diabetes Mellitus (DM)	Multi-Vessel Disease (MVD)
Complex Lesions (B2/C)	Male/Female
High Bleeding Risk (HBR)	Old Patients (e.g. > 65 y)

Technical Data

Stent

Stent material	Cobalt chromium, L-605
Strut thickness	$\varnothing 2.25 - 3.0$ mm: 60 μm [0.0024"]; $\varnothing 3.50 - 4.0$ mm: 80 μm [0.0031"]
Passive coating	proBIO (Amorphous Silicon Carbide)
Active coating	BIOLute bioabsorbable Poly-L-Lactide (PLLA) eluting a limus drug
Drug dose	1.4 $\mu\text{g}/\text{mm}^2$

Delivery System

Catheter type	Rapid exchange
Recommended guide catheter	5F [min. I.D. 0.056"]
Guide wire diameter	0.014"
Usable catheter length	140 cm
Balloon material	Semi crystalline polymer
Coating (Distal shaft)	Hydrophilic
Coating (Proximal shaft)	Hydrophobic
Marker bands	Two swaged platinum-iridium markers
Lesion entry profile	0.017"
Distal shaft diameter	2.7F: $\varnothing 2.25 - 3.0$ mm; 2.9F: $\varnothing 3.5 - 4.0$ mm
Proximal shaft diameter	2.0F
Nominal pressure (NP)	10 atm
Rated burst pressure (RBP)	16 atm

Storage

Use Before Date (UBD)	24 months
Temperature	Between 15°C (59°F) and 25°C (77°F), short term excursions between 10°C (50°F) and 40°C (104°F) are allowed

Ordering Information	Stent \varnothing (mm)	Stent Length (mm)								
		9	13	15	18	22	26	30	35	40
	2.25	419155	419161	419167	419173	419179	419185	419191	419197	419203
	2.5	419156	419162	419168	419174	419180	419186	419192	419198	419204
	2.75	419157	419163	419169	419175	419181	419187	419193	419199	419205
	3.0	419158	419164	419170	419176	419182	419188	419194	419200	419206
	3.5	419159	419165	419171	419177	419183	419189	419195	419201	419207
	4.0	419160	419166	419172	419178	419184	419190	419196	419202	419208

1. In comparison to Xience Sierra, Resolute Onyx and Synergy for bench tests on pushability, trackability and crossability, BIOTRONIK data on file; 2. As characterized with respect to strut thickness in Bangalore et al. Meta-analysis; 3. Based on investigator's interpretation of BIOFLOW-V primary endpoint result. Orsiro, Orsiro Mission, Synsiro, proBIO and BIOLute are trademarks or registered trademarks of the BIOTRONIK Group of Companies. Synergy and Promus are trademarks or registered trademarks of the Boston Scientific Group of Companies. Resolute, Resolute Onyx and Integrity are trademarks or registered trademarks of the Medtronic Group of Companies. Xience and Xience Sierra are trademarks or registered trademarks of the Abbott Group of Companies.

Δ Clinical data collected with Orsiro and Orsiro Mission bench performance testing can be used to illustrate Synsiro Pro clinical safety and performance.

BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005

info.vi@biotronik.com
www.biotronik.com

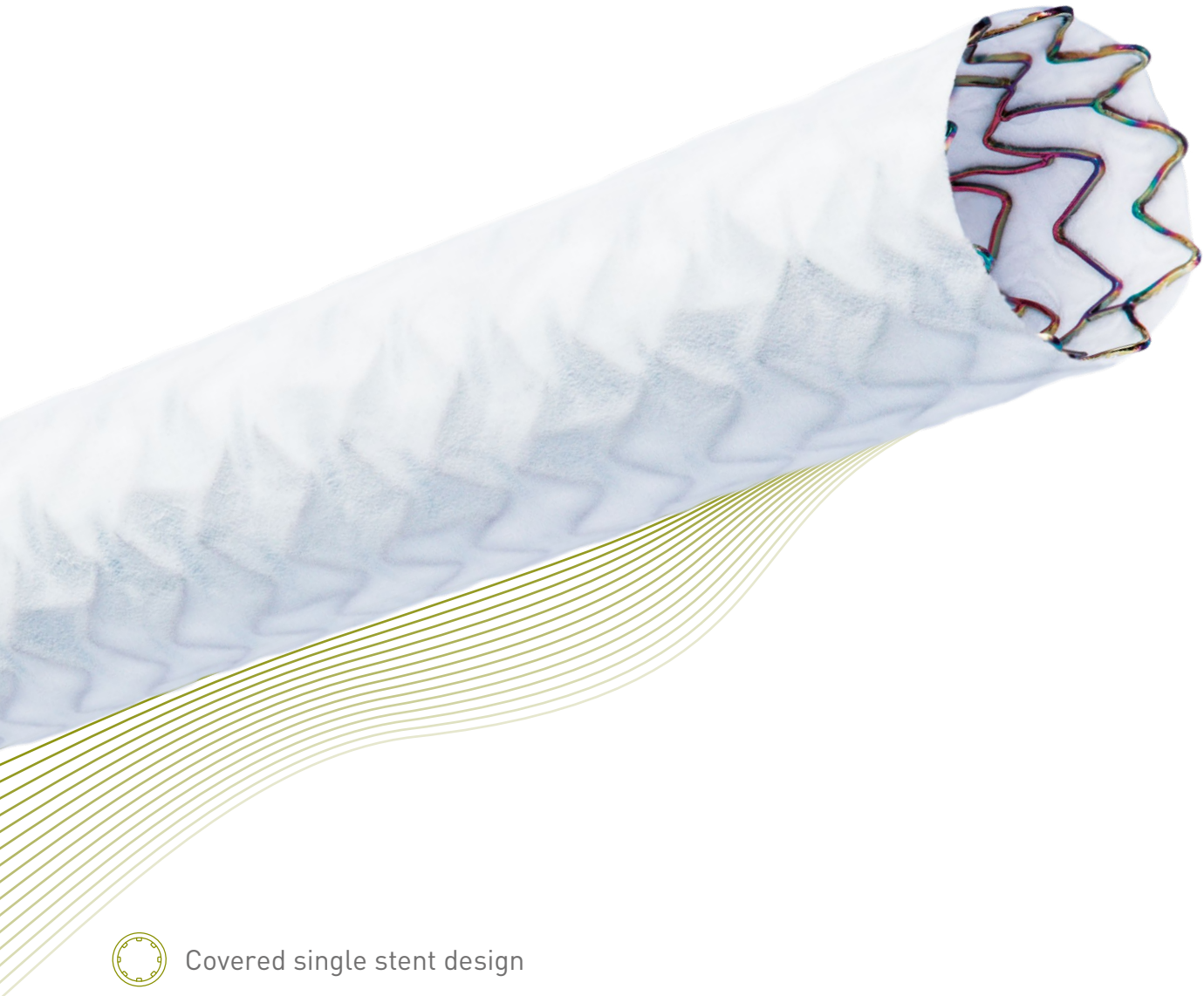
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 **BIOTRONIK**
excellence for life

Vascular Intervention // **Coronary**
Covered Coronary Stent System

PK Papyrus[®]

Designed to save lives when seconds count.



Covered single stent design



Low crossing profile



Exceptional deliverability

PK Papyrus[®]

Vascular
Intervention
Coronary



Indicated for acute coronary artery perforations.*

Technical Data	Stent
Stent cover material	Non-woven, electrospun polyurethane
Stent strut thickness	∅ 2.5 - 3.0 mm: 60 µm (0.0024"); ∅ 3.5 - 4.0 mm: 80 µm (0.0031"); ∅ 4.5 - 5.0 mm: 120 µm (0.0047")
Stent material	Cobalt chromium (L-605) with proBIO [®] (Amorphous Silicon Carbide) coating
Maximum stent expansion diameter	∅ 2.5 - 3.0 mm: 3.50 mm; ∅ 3.5 - 4.0 mm: 4.65 mm; ∅ 4.5 - 5.0 mm: 5.63 mm
Delivery system	
Guide wire diameter	0.014"
Usable catheter length	140 cm
Recommended guide catheter	∅ 2.5 - 4.0 mm: 5F (min. I.D.** 0.056"); ∅ 4.5 - 5.0 mm: 6F (min. I.D.** 0.070")
Nominal pressure (NP)	∅ 2.5 - 3.5 mm: 8 atm; ∅ 4.0 - 5.0 mm: 7 atm
Rated burst pressure (RBP)	∅ 2.5 - 4.0 mm: 16 atm; ∅ 4.5 - 5.0 mm: 14 atm

**I.D. = Inner Diameter

Ordering Information	Stent ∅ (mm)	Catheter length 140 cm Stent length (mm)		
		15	20	26
5F	2.5	369380	369386	-
	3.0	369381	369387	381789
	3.5	369382	369388	381790
	4.0	369383	369389	381791
6F	4.5	369384	369390	369392
	5.0	369385	369391	369393

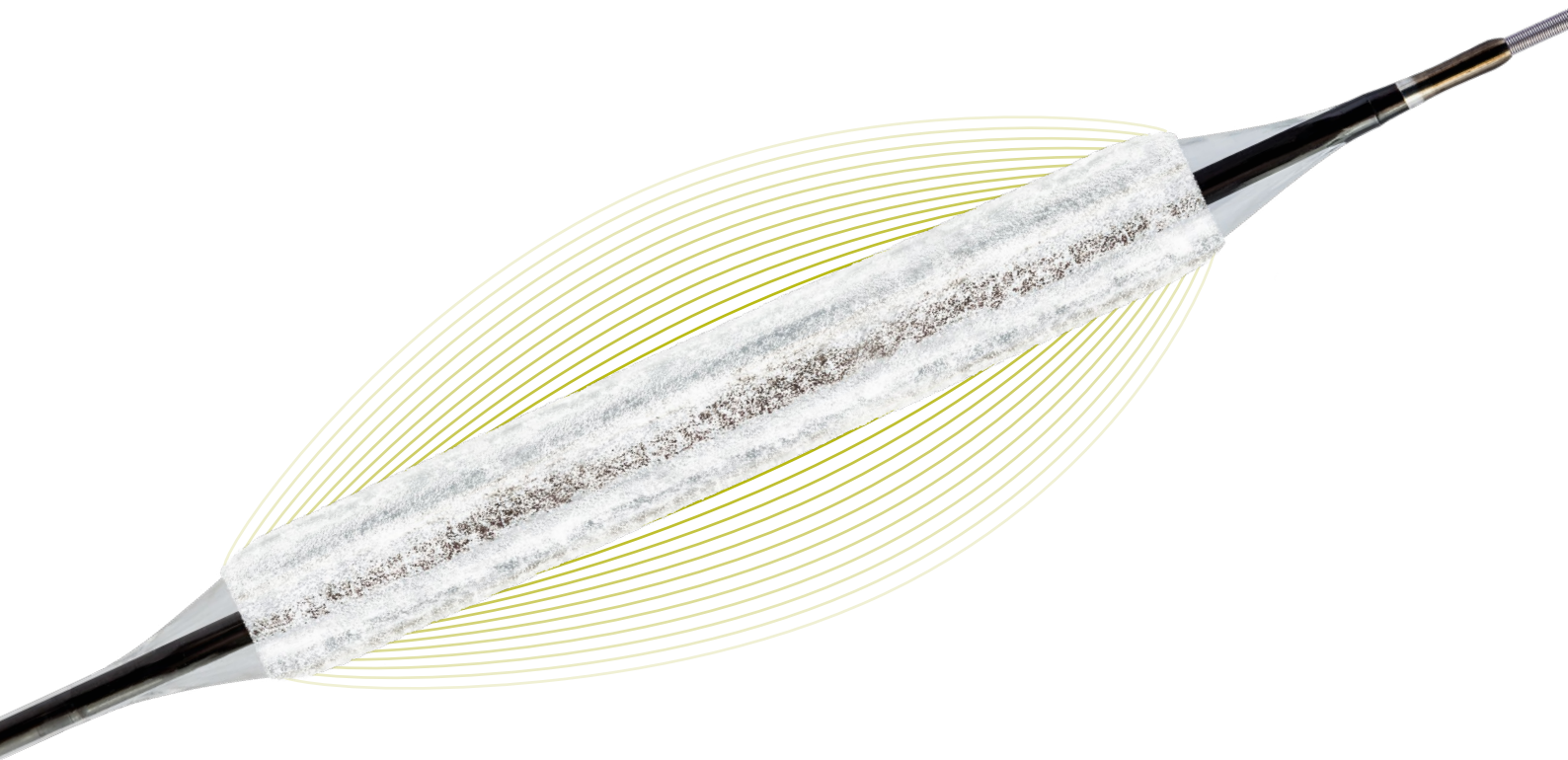
*Indication as per IFU.

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Vascular Intervention // **Coronary**
Drug-Coated Balloon Catheter

Pantera[®] Lux[®] DCB

Clinically proven. Best in class crossability.



Clinically proven solution for in-stent-restenosis and further indications



Lux[®] coating technology for rapid drug absorption



Excellent deliverability

Pantera[®] Lux[®] DCB

Vascular
Intervention
Coronary



Indicated for balloon dilatation for in-stent restenosis, de-novo lesions, acute or impending vascular occlusion and treatment of small vessel disease.*

Technical Data		Drug-coated balloon catheter	
Catheter type		Fast-exchange PTCA balloon catheter	
Recommended guide catheter		5F (min. I.D. 0.056")	
Lesion entry profile		0.017"	
Guide wire diameter		0.014"	
Usable catheter length		140 cm	
Balloon folding		3-fold	
Balloon markers		Two embedded platinum-iridium markers	
Brachial shaft marker		92 cm from tip	
Femoral shaft marker		102 cm from tip	
Proximal shaft diameter		2.0F	
Distal shaft diameter		2.5F (ø 2.0 - 3.5 mm), 2.6F (ø 4.0 mm)	
Nominal Pressure (NP)		7 atm	
Rated Burst Pressure (RBP)		13 atm (ø 2.0 - 3.5 mm); 12 atm (ø 4.0 mm)	
Coating			
Drug		Paclitaxel	
Drug dose		3.0 µg/mm ²	
Delivery matrix		Paclitaxel and Butyryl-tri-hexyl citrate (BTHC)	
Coated area		Cylindrical section of the balloon, exceeding the proximal and distal markers	

Compliance Chart		Balloon diameter x length (mm)				
		ø 2.0 x 10-30	ø 2.5 x 10-30	ø 3.0 x 10-30	ø 3.5 x 10-30	ø 4.0 x 10-30
Nominal Pressure (NP)	atm**	7	7	7	7	7
	ø (mm)	2.00	2.50	3.00	3.50	4.00
Rated Burst Pressure (RBP)	atm**	13	13	13	13	12
	ø (mm)	2.26	2.82	3.48	4.11	4.59

**1 atm = 1.013 bar

Ordering Information	Balloon ø (mm)	Catheter length 140cm Balloon length (mm)				
		10	15	20	25	30
	2.0	365110	365111	365112	365113	365114
	2.5	365120	365121	365122	365123	365124
	3.0	365125	365126	365127	365128	365129
	3.5	365130	365131	365132	365133	365134
	4.0	365135	365136	365137	365138	365139

*Indication as per IFU (may differ in countries not accepting CE mark).

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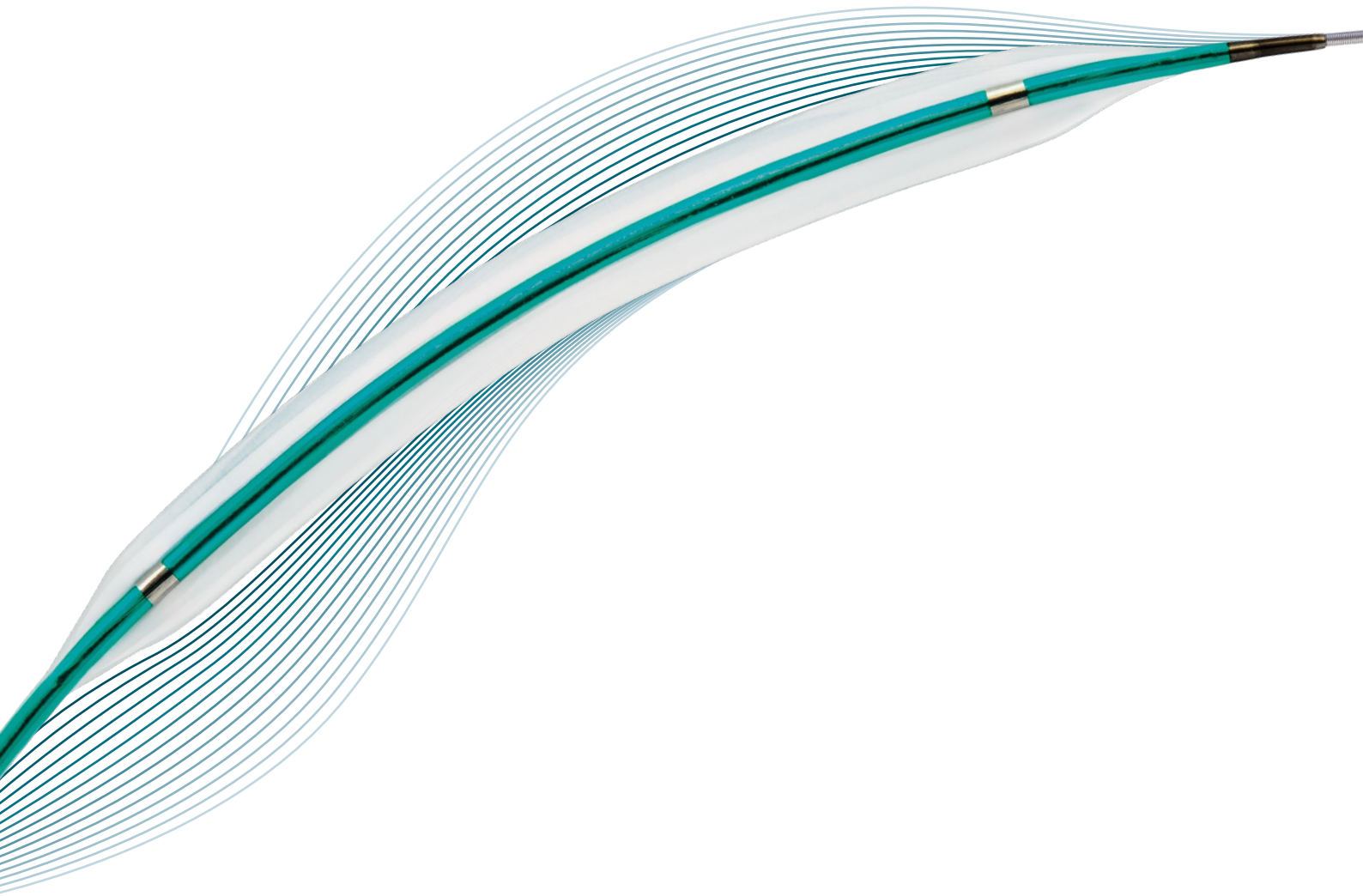
BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

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excellence for life

Vascular Intervention // Coronary
Semi-Compliant Workhorse Balloon Catheter

Pantera[®] Pro



Lowest crossability in tight lesions



43% less friction during kissing
balloon technique



38% more push to reach target lesion



BIOTRONIK
excellence for life

Pantera[®] Pro

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

Vascular
Intervention
Coronary



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 \varnothing 1.25 - 1.5 mm: Two-fold; \varnothing 2.0 - 4.0 mm: Tri-fold
	Balloon markers Platinum-Iridium: \varnothing 1.25 - 1.5 mm one marker; \varnothing 2.0 - 4.0 mm two markers
	Coating distal shaft Hydrophilic (end of balloon to Guide Wire (GW) exit port)
	Balloon and tip coating \varnothing 1.25 - 2.0 mm: Hydrophilic \varnothing 2.50 - 4.0 mm: Hydrophobic
	Kissing balloon technique 6F guiding catheter (min. I.D. 0.070" / 1.78 mm), up to \varnothing 3.5 mm
	Diameter 2.6F (\varnothing 1.25 - 2.0 mm); 2.7F (\varnothing 2.5 - 3.5 mm); 2.9F (\varnothing 4.0 mm)

Compliance Chart		Balloon diameter x length (mm)						
		\varnothing 1.25 x 6-20	\varnothing 1.50 x 6-20	\varnothing 2.00 x 10-30	\varnothing 2.50 x 10-30	\varnothing 3.00 x 10-30	\varnothing 3.50 x 10-30	\varnothing 4.00 x 10-30
Nominal Pressure (NP)	atm**	7	7	7	7	7	7	7
	\varnothing (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
	\varnothing (mm)	1.37	1.72	2.23	2.93	3.50	4.06	4.55

**1 atm = 1.013 bar

Ordering Information	Balloon \varnothing (mm)	Catheter length 140 cm Balloon length (mm)					
		6	10	15	20	25	30
	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

5F

*Indication as per IFU.

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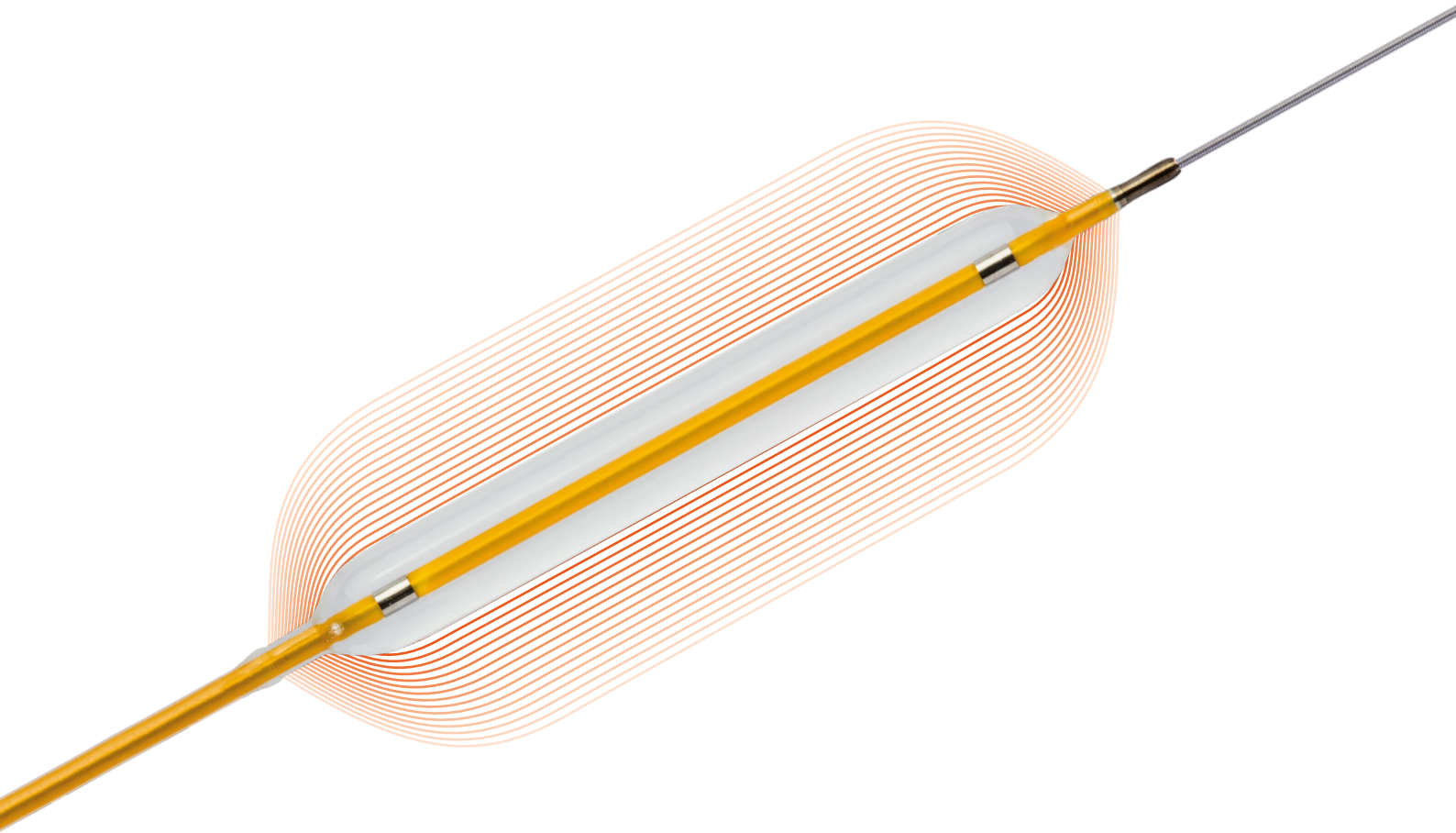
BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

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

Pantera[®] LE0



Lowest compliance in class
avoiding dog-bone effect



Precise dilatation



Enhanced crossability
and accurate placement

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		

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BIOTRONIK AG
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8180 Bülach, Switzerland
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Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

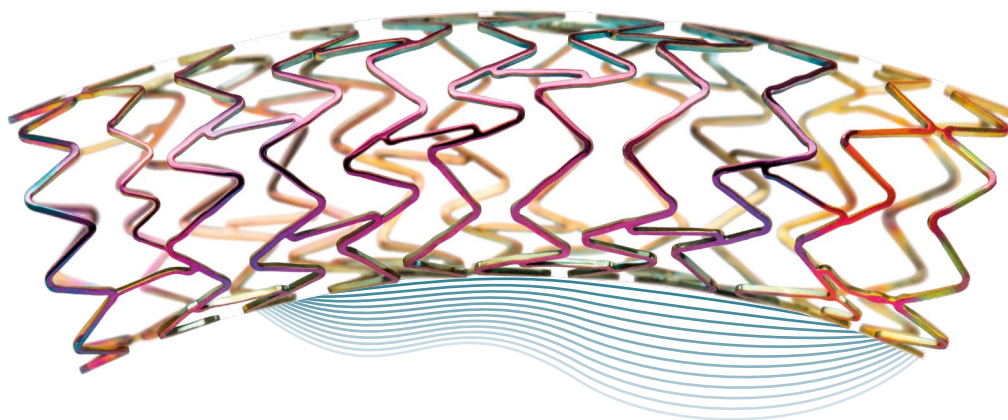
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BIO **BIOTRONIK**
excellence for life

Vascular Intervention // **Peripheral**

Balloon-Expandable Cobalt Chromium Stent System / 0.014" / Rx

Dynamic Renal



Proximal gold marker for superior visibility to support accurate stent placement



Cobalt chromium alloy combining a lower profile with high radial force



Double helix stent design for high flexibility

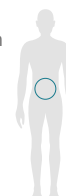


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Dynamic Renal

Indicated for improving arterial luminal diameter in patients with clinical symptoms attributable to atherosclerotic stenosis of the renal arteries.*

Vascular
Intervention
Peripheral



Technical Data

Stent

Stent	Balloon-expandable
Stent material	Cobalt Chromium (L605)
Strut thickness	120 µm (ø 4.5 - 5.0 mm) 140 µm (ø 6.0 - 7.0 mm)
Stent coating	proBIO® (Amorphous Silicon Carbide)
Stent marker	Proximal gold marker
Sizes	ø 4.5 - 7.0 mm; L: 12 - 19 mm

Delivery system

Catheter type	Rapid exchange (Rx)
Recommended guide wire	0.014"
Tip	Soft, short and tapered
Balloon markers	2 swaged markers
Shaft (proximal)	Hydrophobic coating
Usable length	140cm
Nominal Pressure (NP)	10 atm
Rated Burst Pressure (RBP)	15 atm (ø 4.5 - 6.0 mm) 13 atm (ø 7.0 mm)

Compliance Chart

Balloon diameter x length (mm)

		ø 4.5	ø 5.0	ø 6.0	ø 7.0
Nominal Pressure (NP)	atm*	10	10	10	10
	ø (mm)	4.5	5.0	6.0	7.0
Rated Burst Pressure (RBP)	atm*	15	15	15	13
	ø (mm)	4.7	5.3	6.2	7.2

*1 atm = 1.013 bar

Ordering Information

Stent ø (mm) Catheter length 140 cm Stent length (mm)

	Stent ø (mm)	12	15	19
4F	4.5	358582	368711	358586
	5.0	358583	368712	358587
5F	6.0	358584	368713	358588
	7.0	358585	368714	358589

*Indication as per IFU.

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BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

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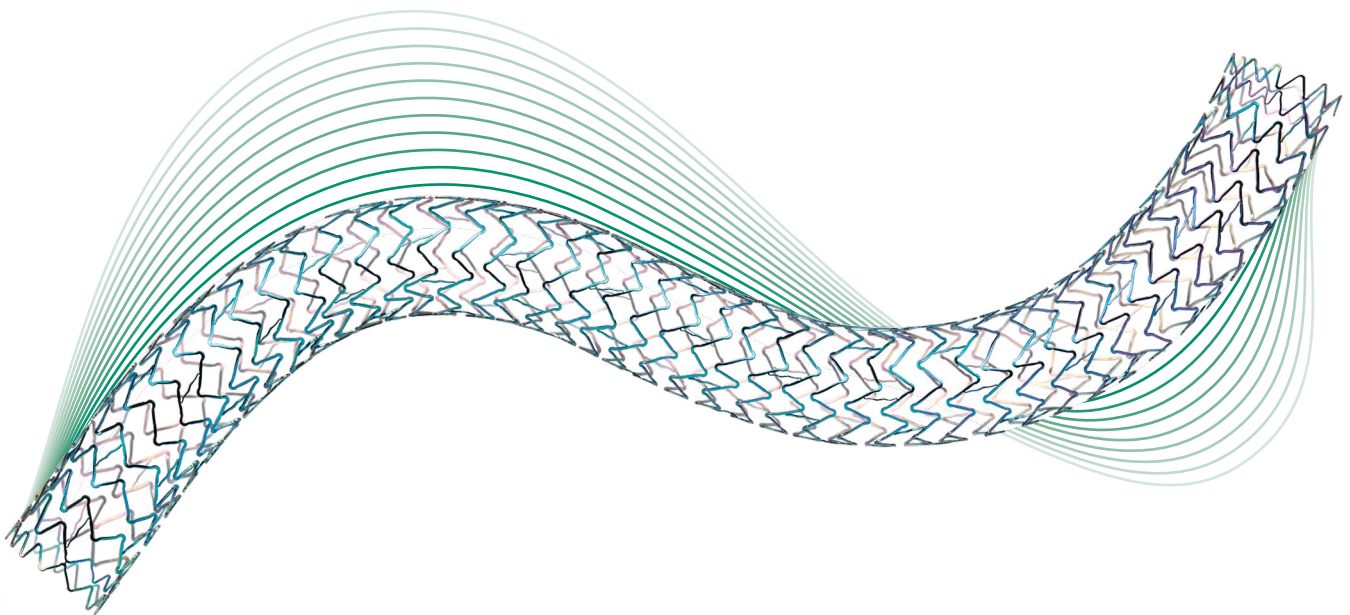
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excellence for life

Vascular Intervention // **Peripheral**

Balloon-Expandable Cobalt Chromium Stent System / 0.035" / Rx

Dynetic[®]-35

The next generation iliac stent with excellent radial strength and superb flexibility.



High radial strength



Largest size range



Deliverability in 6F compatibility



BIOTRONIK
excellence for life

Dynetic®-35

Vascular
Intervention
Peripheral



Indicated for the treatment of de novo or restenotic atherosclerotic lesions in iliac arteries. *

Technical Data		Stent
Stent		Balloon-Expandable
Stent material		Cobalt Chromium
Strut thickness		110 µm (ø 5.0 - 7.0 mm), 140 µm (ø 8.0 - 10.0 mm)
Shortening		Negligible
Stent coating		proBIO® (Amorphous Silicon Carbide)
Sizes		ø 5.0 - 10.0 mm; L: 18 - 28 - 38 - 58 - 78 mm
		Delivery system
Catheter type		OTW
Recommended guide wire		0.035"
Tip		Low entry profile, colored
Balloon markers		2 swaged markers
Shaft		5.1 - 5.4F, hydrophobic coating, dual-lumen
Usable length		90 cm, 130 cm and 170 cm
Markers		2 swaged markers
Guide wire lumen		Hydrophobic coating
Nominal Pressure (NP)		10 atm
Rated Burst Pressure (RBP)		14 atm (ø 5.0 - 8.0 mm), 12 atm (ø 9.0 - 10.0 mm)

Ordering Information	Stent ø (mm)	Catheter length 90 cm				
		Stent length (mm)				
		18	28	38	58	78
6F	5.0	428690	428694	428700	428706	-
	6.0	428691	428695	428701	428707	-
	7.0	428692	428696	428702	428708	428712
	8.0	448939	448942	448945	448948	448951
	9.0	-	448943	448946	448949	448952
	10.0	-	448944	448947	448950	448953

Ordering Information	Stent ø (mm)	Catheter length 130 cm				
		Stent length (mm)				
		18	28	38	58	78
6F	5.0	428716	428720	428726	428732	-
	6.0	428717	428721	428727	428733	-
	7.0	428718	428722	428728	428734	428738
	8.0	448954	448957	448960	448963	448966
	9.0	-	448958	448961	448964	448967
	10.0	-	448959	448962	448965	448968

Ordering Information	Stent ø (mm)	Catheter length 170 cm				
		Stent length (mm)				
		18	28	38	58	78
6F	5.0	-	-	428752 ^a	-	-
	6.0	-	428747	428753	428759	-
	7.0	-	428748	428754	428760	428764 ^a
	8.0	-	448972	448975	448978	448981 ^a
	9.0	-	448973	448976	448979	-
	10.0	-	-	448977 ^a	-	-

^a8 weeks pre-order

*Indication as per IFU. Note: The Dynetic-35 does not have TGA (Therapeutic Goods Administration – Australia) approval for use within the common iliac artery.

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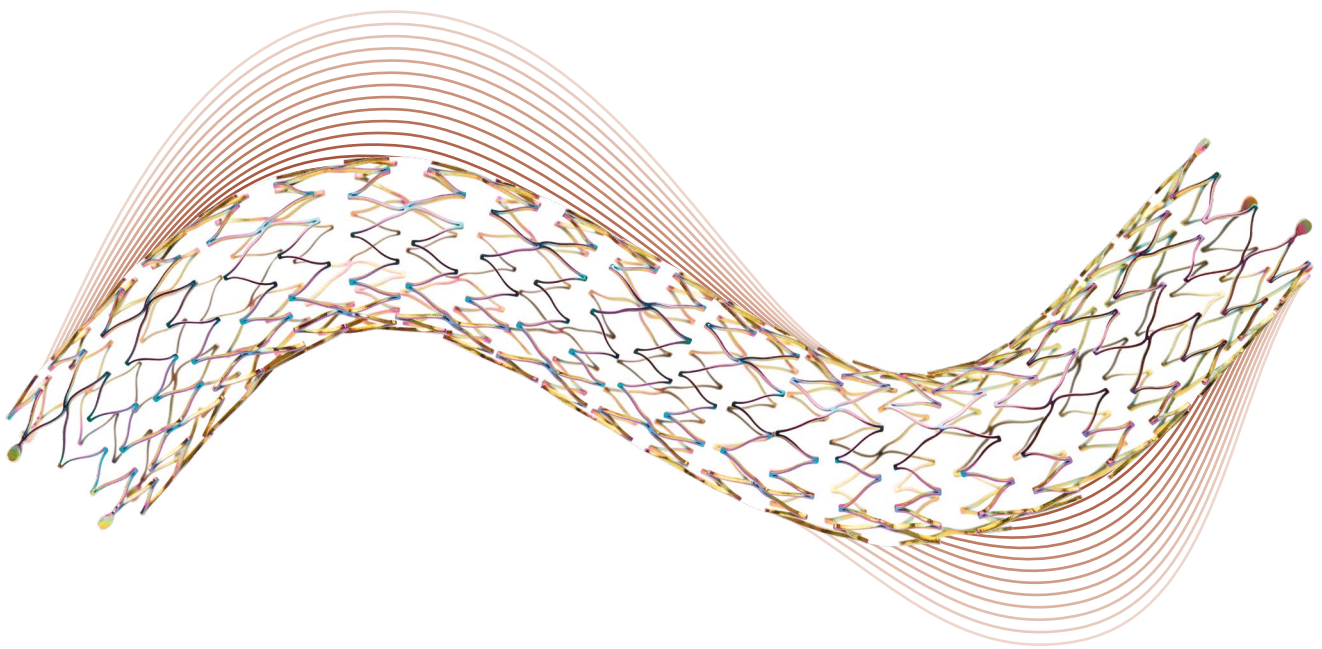
BIOTRONIK AG
Ackerstrasse 6
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Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
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Vascular Intervention // **Peripheral**
Self-Expanding Stent System/0.035"/OTW

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

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

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BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

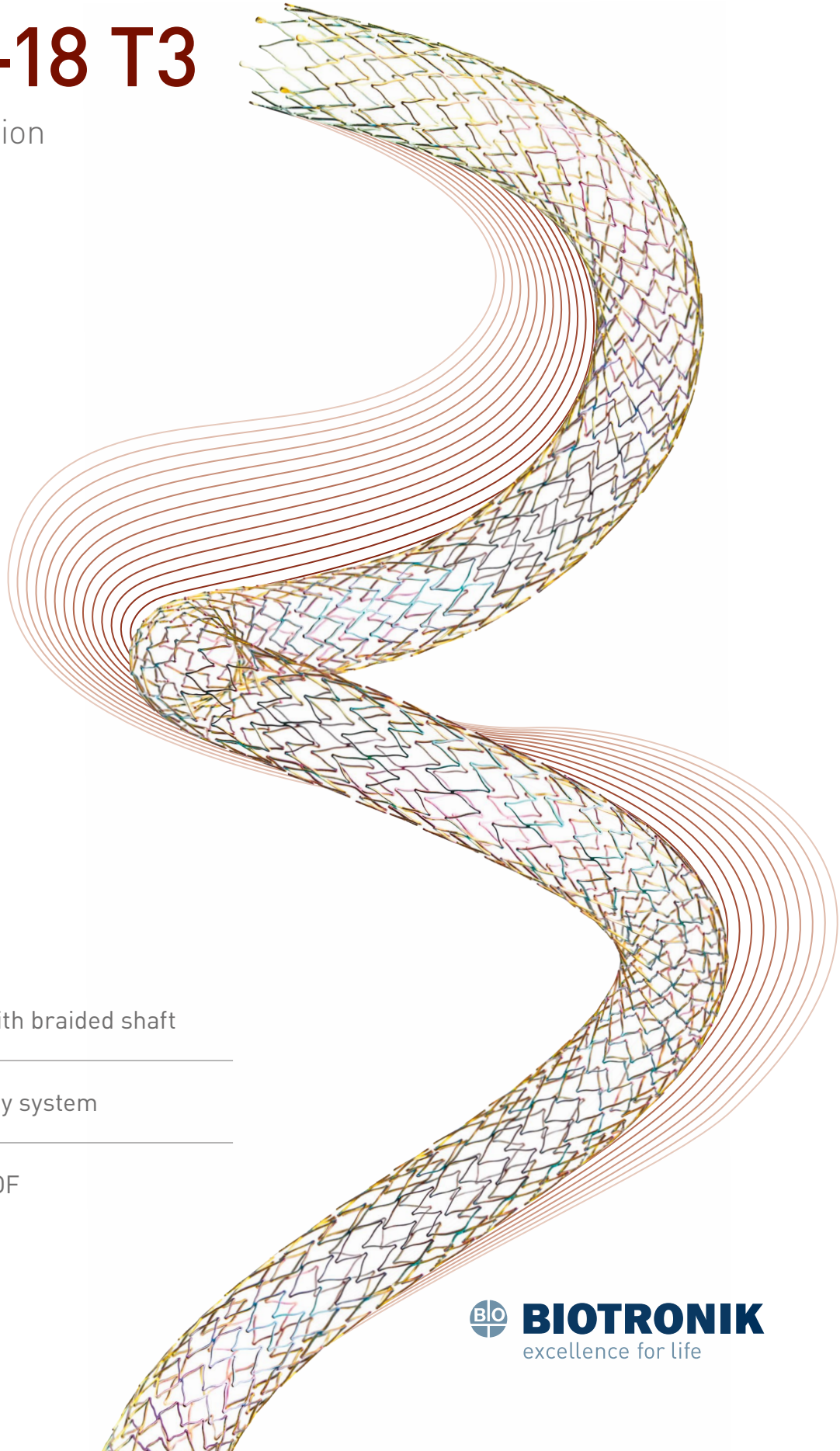
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Vascular Intervention // **Peripheral**
Self-Expanding Stent System / 0.018" / OTW

Pulsar[®]-18 T3

A unique combination
of 3 technologies



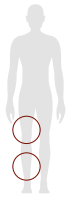
 Tri-axial system with braided shaft

 4F Low profile delivery system

 Thin struts, low COF

Pulsar[®]-18 T3

Vascular
Intervention
Peripheral



Indicated for use in patients with atherosclerotic disease of the superficial femoral, proximal popliteal and infrapopliteal 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	0.018"
Stent material	Nitinol
Strut thickness	140 µm
Strut width	85 µm
Stent coating	proBIO [®] (Amorphous Silicon Carbide)
Stent Markers	6 gold markers each end
Sizes	ø 4.0 - 7.0 mm: L:20 - 200 mm
Shaft	4F, hydrophobic coating, tri-axial
Usable length	90 cm and 135 cm

Ordering Information	Stent ø (mm)	Catheter length 90 cm (Stent length mm)									
		20**	30	40	60	80	100	120	150	170	200
4F	4.0	430437	430438	430439	430440	430441	430442	430443	430444	430445	430446
	5.0	430447	430448	430449	430450	430451	430452	430453	430454	430455	430456
	6.0	430457	430458	430459	430460	430461	430462	430463	430464	430465	430466
	7.0	430467	430468	430469	430470	430471	430472	430473	430474	430475	430476
4F	Stent ø (mm)	Catheter length 135 cm (Stent length mm)									
		20**	30	40	60	80	100	120	150	170	200
	4.0	430477	430478	430479	430480	430481	430482	430483	430484	430485	430486
	5.0	430487	430488	430489	430490	430491	430492	430493	430494	430495	430496
	6.0	430497	430498	430499	430500	430501	430502	430503	430504	430505	430506
7.0	430507	430508	430509	430510	430511	430512	430513	430514	430515	430516	

**8 weeks pre-order only

*Indication as per IFU.

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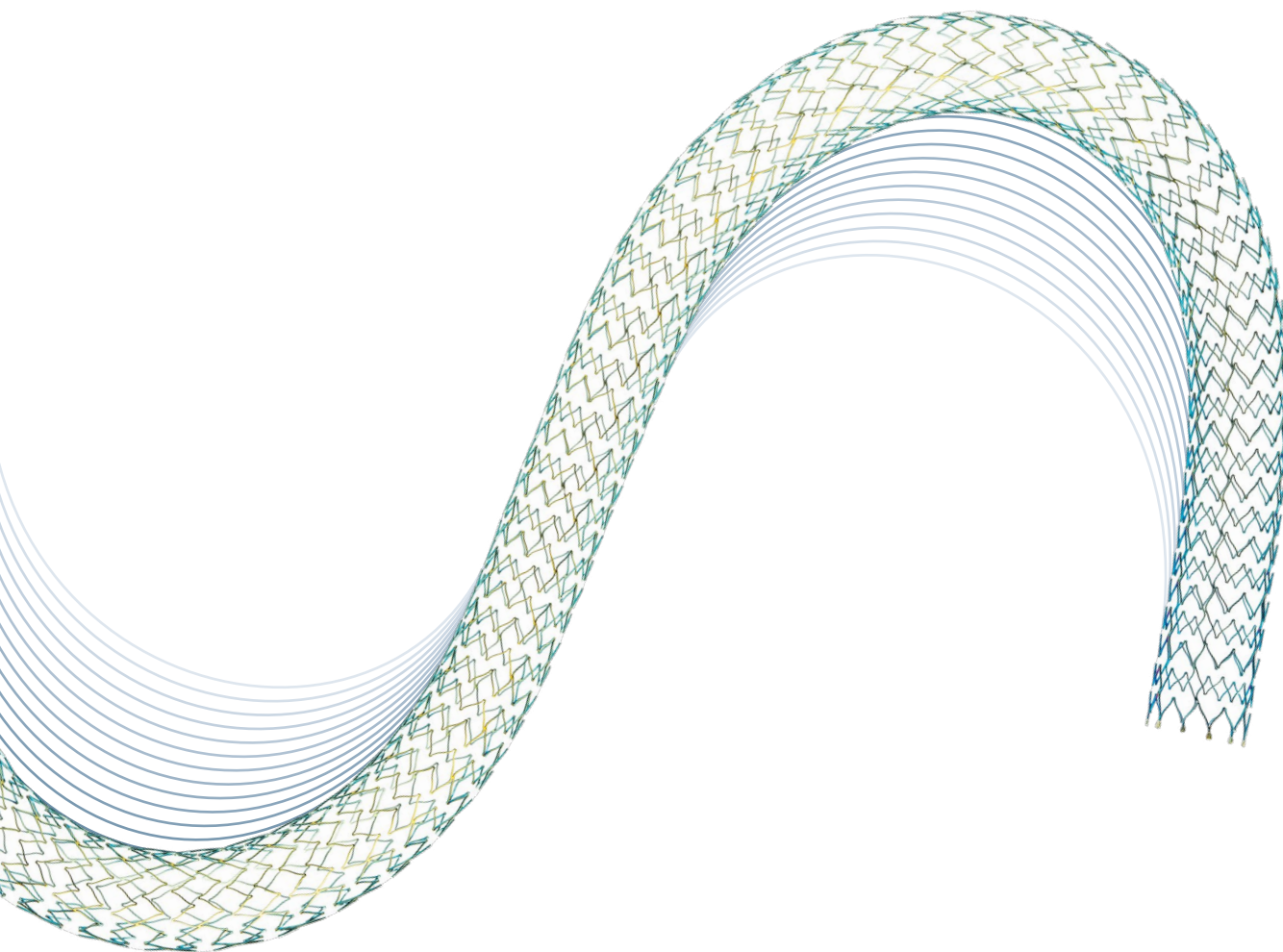
BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

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Vascular Intervention // Peripheral
Self-Expanding Stent System / 0.035" / OTW

Pulsar[®]-35



140 μ m thin struts



Clinically proven



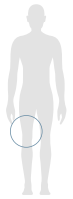
Tri-axial delivery system



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Pulsar®-35

Vascular
Intervention
Peripheral



Indicated for use in patients with atherosclerotic disease of the femoral and proximal popliteal arteries, in particular for the treatment of insufficient results after percutaneous transluminal angioplasty (PTA).*

Technical Data	Stent
Catheter type	OTW
Recommended guide wire	0.035"
Stent material	Nitinol
Strut thickness	140 µm
Strut width	85 µm
Stent coating	proBIO® (Amorphous Silicon Carbide)
Stent markers	6 gold markers each end
Sizes	ø 5.0 - 7.0 mm; L: 30 - 170 mm
Proximal shaft	6F, hydrophobic coating
Usable length	90 and 135 cm

Ordering Information	Stent ø (mm)	Catheter length 90 cm (Stent length mm)								
		30	40	60	80	100	120	150	170	200
6F	5.0	379878	379879	379880	379881	379917	379918	379919	379920	379921
	6.0	379883	379884	379885	379886	379922	379923	379924	379925	379926
	7.0	379888	379889	379890	379891	379927	379928	379929	379930	379931
	Stent ø (mm)	Catheter length 135 cm (Stent length mm)								
		30	40	60	80	100	120	150	170	200
6F	5.0	379898	379899	379900	379901	379937	379938	379939	379940	379941
	6.0	379903	379904	379905	379906	379942	379943	379944	379945	379946
	7.0	379908	379909	379910	379911	379947	379948	379949	379950	379951

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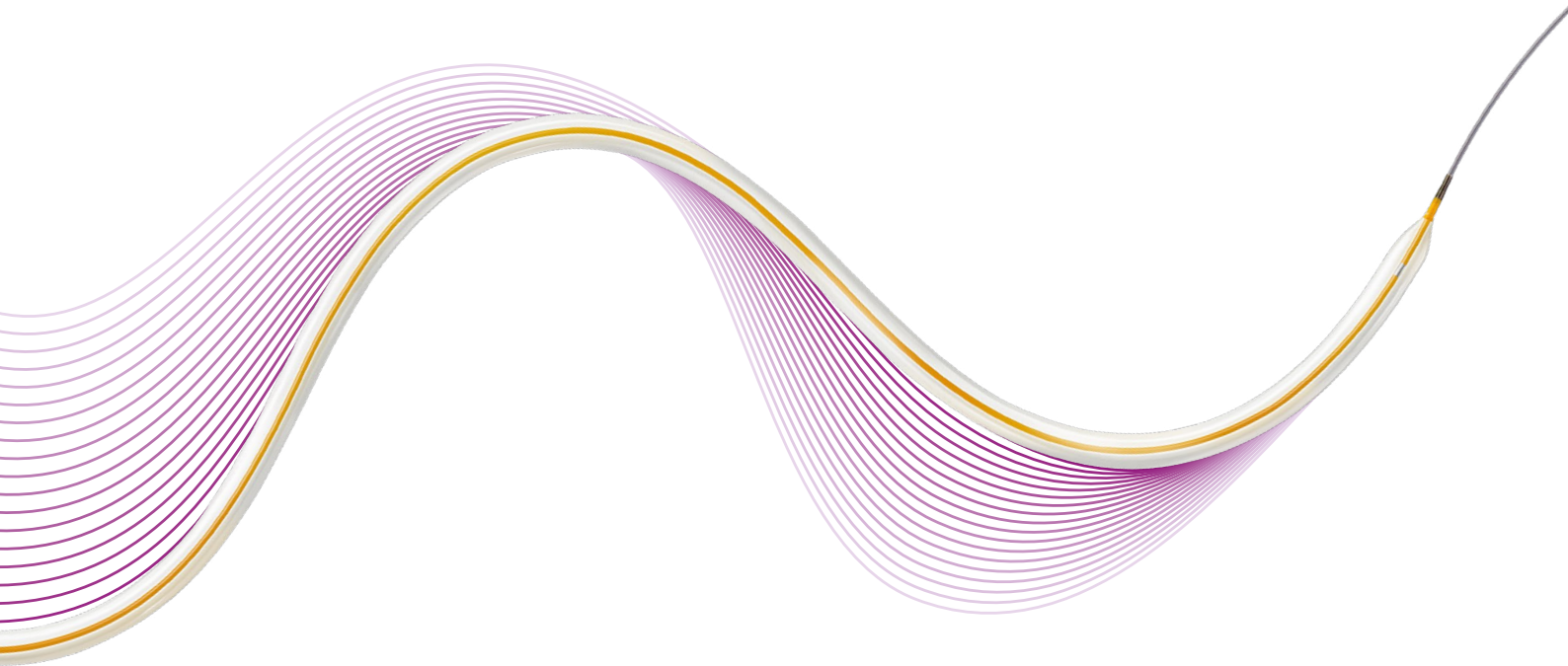
BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

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Vascular Intervention // **Peripheral**
PTA Balloon Catheter / 0.014" / OTW

Passeo[®]-14



Up to 3.8 x faster deflation times



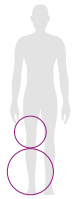
Enhanced crossability



High pushability and flexibility

Passeo[®]-14

Vascular
Intervention
Peripheral



Indicated for balloon dilatation of the stenotic portion of a lower limb artery for the purpose of improving perfusion.*

Technical Data	Balloon catheter
Catheter type	OTW
Recommended guide wire	0.014"
Tip	Optimized entry profile and colored
Balloon material	SCP (Semi-Crystalline Polymer), controlled compliance (4 - 6%)
Balloon folding	3-fold
Balloon coating	Hydrophilic patchwork coating
Balloon markers	2 swaged markers (zero profile)
Sizes	ø 1.5 - 4.0 mm; L: 20 - 220 mm
Distal shaft	3.1F, hydrophilic coating, coaxial design; 150 mm length (ø 1.5/2.0 x 20 - 100 mm); 75 mm length (ø 2.0 x 140 - 220 mm and ø 2.5 - 4.0 mm)
Proximal shaft	3.9F, hydrophobic coating, coaxial design; stiffening wire
Usable length	150 cm (ø 1.5 - 4.0 mm); 120 cm (ø 1.5 - 2.0 mm); 90 cm (ø 2.5 - 4.0 mm)

Compliance Chart		Balloon diameter x length (mm)					
		ø 1.5 x 20-70	ø 2.0 x 40-220	ø 2.5 x 40-220	ø 3.0 x 40-220	ø 3.5 x 40-140	ø 4.0 x 40-140
Nominal Pressure (NP)	atm*	7	7	7	7	7	7
	ø (mm)	1.5	2.0	2.5	3.0	3.5	4.0
Rated Burst Pressure (RBP)	atm*	14	14	14	14	14	14
	ø (mm)	1.57	2.08	2.61	3.18	3.63	4.16

*1 atm = 1.013 bar

Ordering Information		Catheter Length (cm)	Balloon ø (mm)	Balloon Length (mm)						
				20	40	70	100	140	180	220
4F	Antegrade approach	120	1.5	380271 ^a	380277	380283	-	-	-	-
		120	2.0	-	380278	380284	380290	380296	380302	380308
		90	2.5	-	380279	380285	380291	380297	380303	380309
		90	3.0	-	380280	380286	380292	380298	380304	380310
		90	3.5	-	380281 ^a	380287 ^a	380293 ^a	380299 ^a	-	-
		90	4.0	-	380282	380288	380294	380300	-	-
		150	1.5	380313 ^a	380319	380325	-	-	-	-
4F	Crossover approach	150	2.0	-	380320	380326	380332	380338	380344	380350
		150	2.5	-	380321	380327	380333	380339	380345	380351
		150	3.0	-	380322	380328	380334	380340	380346	380352
		150	3.5	-	380323 ^a	380329 ^a	380335 ^a	380341 ^a	-	-
		150	4.0	-	380324	380330	380336	380342	-	-

^a8 weeks pre-order only

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BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

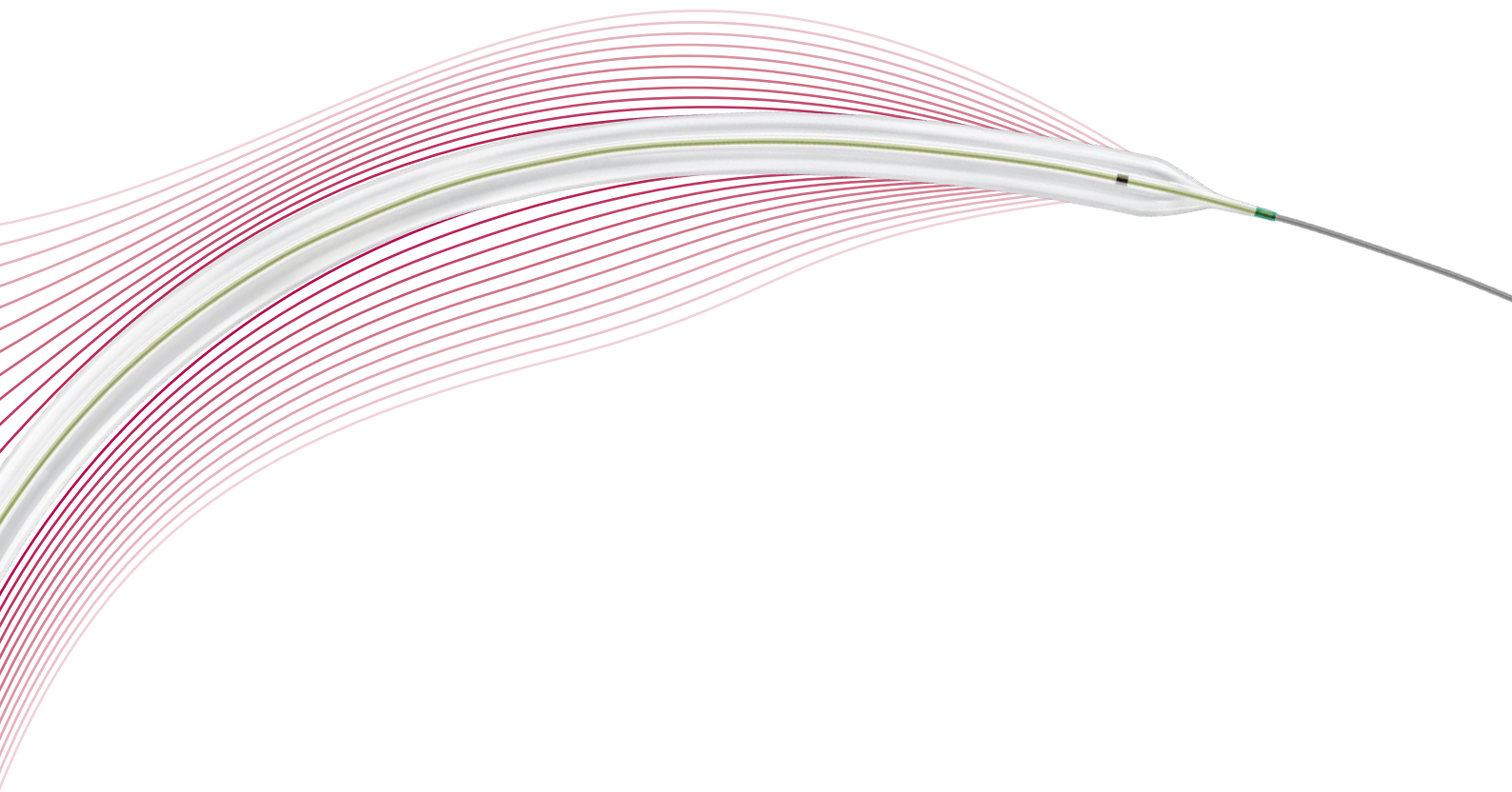
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Vascular Intervention // **Peripheral**
PTA Balloon Catheter / 0.018" / OTW

Passeo[®]-18

Low profile PTA balloon with high pushability in a wide range of sizes.



High pushability



Controlled compliance



Low profile and wide
range of sizes



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Passeo[®]-18

Vascular
Intervention
Peripheral



Indicated to dilate stenosis in the femoral, popliteal and infrapopliteal arteries and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae.*

Technical Data		Balloon catheter	
Catheter type		OTW	
Recommended guide wire		0.018"	
Tip		Short and tapered, colored	
Balloon material		SCP (Semi-Crystalline Polymer), controlled compliance (4 - 8 %)	
Balloon folding		5-fold	
Balloon coating		Hydrophobic patchwork coating	
Balloon markers		2 swaged markers (zero profile)	
Sizes		ø 2.0 - 7.0 mm; L: 20 - 200 mm	
Shaft		3.8F, 3.9F (ø 6.0/7.0 mm x 170 - 200 mm); coaxial design	
Usable length		90, 130 and 150 cm	

Compliance Chart		Balloon diameter x length (mm)														
		ø 2.0 x 20-170	ø 2.0 x 200	ø 2.5 x 20-170	ø 2.5 x 200	ø 3.0 x 20-170	ø 3.0 x 200	ø 3.5 x 20-170	ø 3.5 x 200	ø 4.0 x 20-150	ø 4.0 x 170-200	ø 5.0 x 20-120	ø 5.0 x 150	ø 5.0 x 170-200	ø 6.0 x 20-200	ø 7.0 x 20-200
Nominal Pressure (NP)	atm*	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	ø (mm)	2.0	2.0	2.5	2.5	3.0	3.0	3.5	3.5	4.0	4.0	5.0	5.0	5.0	6.0	7.0
Rated Burst Pressure (RBP)	atm*	15	14	15	14	15	14	15	14	15	13	15	12	13	12	12
	ø (mm)	2.1	2.1	2.6	2.6	3.2	3.2	3.7	3.7	4.3	4.2	5.3	5.2	5.2	6.2	7.3

*1 atm = 1.013 bar

Ordering Information		Catheter Length (cm)	Balloon ø (mm)	Balloon Length (mm)							
				20	40	60	80	120	150	170	200
4F	Antegrade approach	90	2.0	366098	366099	366100	366104	366105	366106	366114	376276
		90	2.5	357451	357458	366101	357469	357476	366107	357483	376277
		90	3.0	357452	357459	366102	357470	357477	366108	357484	376278
		90	3.5	357453	357460	366103	357471	357478	366109	357485	376279
		90	4.0	357454	357461	357465	357472	357479	366110	376272	376280
		90	5.0	357455	357462	357466	357473	357480	366111	376273	376281
		90	6.0	357456	357463	357467	357474	357481	366112	376274	376282
		90	7.0	357457	357464	357468	357475	357482	366113 ^a	376275 ^a	376283 ^a
		5F	Retrograde approach	150	2.0	366115	366118	366119	366123	366126	366129
130	2.5			357486	357491	366120	357502	357507	366130	357512	376297
130	3.0			357487	357492	366121	357503	357508	366131	357513	376298
130	3.5			357488	357493	366122	357504	357509	366132	357514	376299
130	4.0			357489	357494	357498	357505	357510	366133	376292	376300
130	5.0			357490	357495	357499	357506	357511	366134	376293	376301
130	6.0			366116	357496	357500	366124	366127	366135	376294	376302
130	7.0			366117	357497	357501	366125	366128	366136 ^a	376295 ^a	376303 ^a

^a8 weeks pre-order only

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BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
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info.vi@biotronik.com
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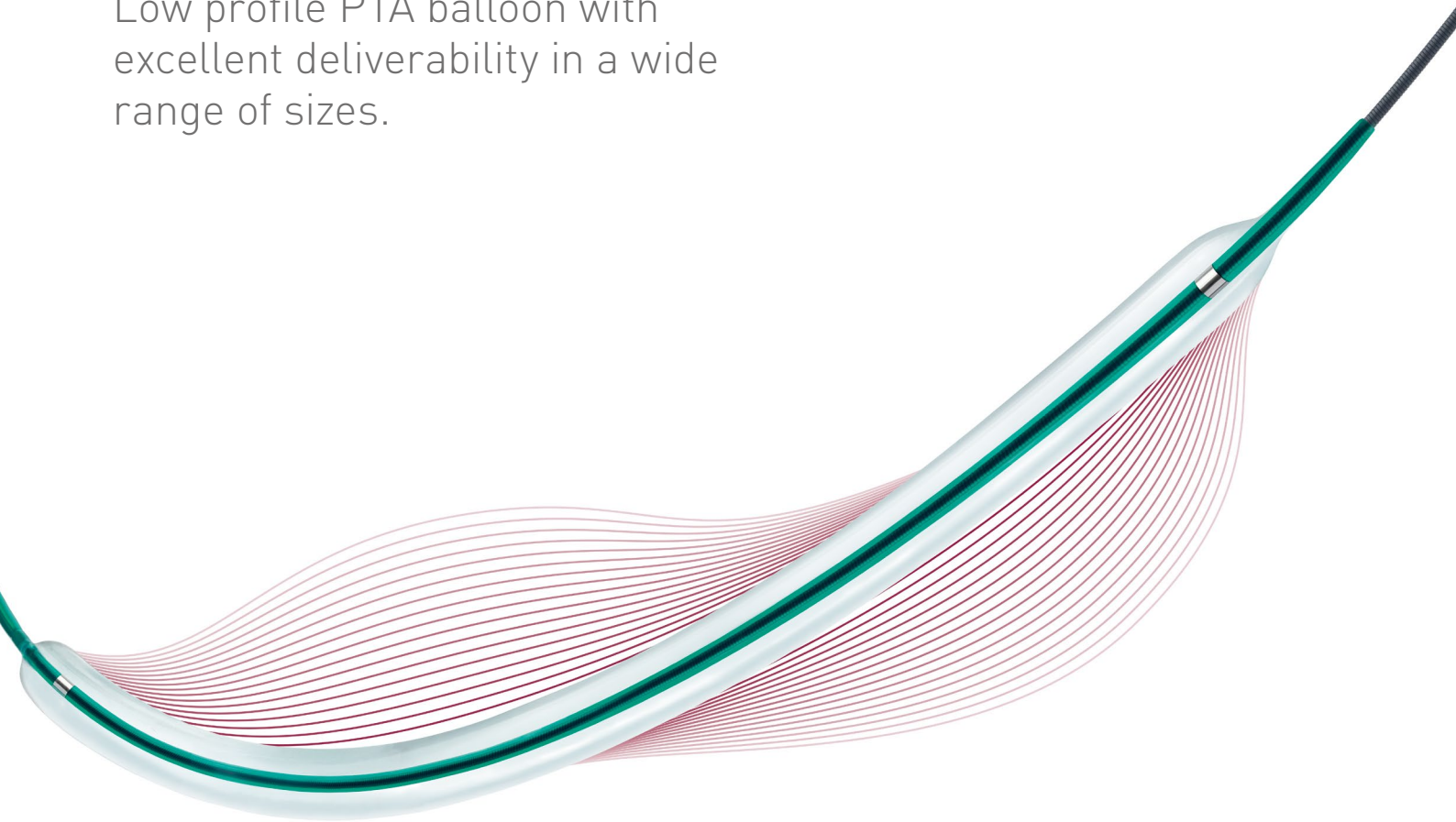
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Vascular Intervention // **Peripheral**
PTA Balloon Catheter / 0.035" / OTW

Passeo[®]-35 Xeo

Low profile PTA balloon with excellent deliverability in a wide range of sizes.



Improved crossability



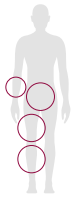
Excellent deliverability



Low profile, wide range of sizes

Passeo[®]-35 Xeo

Vascular
Intervention
Peripheral



The Passeo-35 Xeo is indicated to dilate stenosis in the iliac*, femoral, popliteal and infrapopliteal arteries and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae. Passeo-35 Xeo is also recommended for post-dilation of balloon expandable and self-expanding stents in the peripheral vasculature.**

Technical Data - Balloon Catheter

Catheter type	OTW	Balloon markers	2 swaged markers
Recommended guide wire	0.035"	Sizes	ø 3.0-12.0 mm; L: 20-250 mm
Tip	Low entry profile, colored	Shaft	5.1-5.4F, dual-lumen, hydrophobic coating
Balloon material	SCP (Semi-Crystalline Polymer), controlled compliance	Usable length	90, 130 and 170 cm
Balloon coating	Hydrophobic patchwork coating	Guide wire lumen	Hydrophobic coating

	Balloon ø (mm)	NP ^a	RBP ^a	Catheter length 90 cm									
				Balloon length (mm)									
				20	40	60	80	100	120	150	170	200	250
5F	3.0	9	21	428777	428786	428795	428804	-	-	-	-	-	-
	4.0	9	20	428778	428787	428796	428805	428814	428823	-	-	-	-
	5.0	9	19	428779	428788	428797	428806	428815	428824	428833	-	428843	428848
	6.0	9	16	428780	428789	428798	428807	428816	428825	428834	-	428844	428849
	7.0	9	15	428781	428790	428799	428808	428817	-	-	-	-	-
6F	8.0	9	14	428782	428791	428800	428809	428818	-	-	-	-	-
	9.0	9	12	428783	428792	428801	428810	428819	-	-	-	-	-
	10.0	8	11	428784	428793	428802	428811	428820	-	-	-	-	-
7F	12.0	8	10	-	428794	428803	428812	428821	-	-	-	-	-

	Balloon ø (mm)	NP ^a	RBP ^a	Catheter length 130 cm									
				Balloon length (mm)									
				20	40	60	80	100	120	150	170	200	250
5F	3.0	9	21	428851	428860	428869	428878	428887	428896	428905	428910	428915	428920
	4.0	9	20	428852	428861	428870	428879	428888	428897	428906	428911	428916	428921
	5.0	9	19	428853	428862	428871	428880	428889	428898	428907	428912	428917	428922
	6.0	9	16	428854	428863	428872	428881	428890	428899	428908	428913	428918	428923
	7.0	9	15	428855	428864	428873	428882	428891	428900	428909	428914	428919	428924
6F	8.0	9	14	428856	428865	428874	428883	428892	428901	-	-	-	-
	9.0	9	12	428857	428866	428875	428884	428893	428902 ^b	-	-	-	-
	10.0	8	11	428858	428867	428876	428885	428894	428903 ^b	-	-	-	-
7F	12.0	8	10	-	428868	428877	428886	428895	428904 ^b	-	-	-	-

	Balloon ø (mm)	NP ^a	RBP ^a	Catheter length 170 cm									
				Balloon length (mm)									
				20	40	60	80	100	120	150	170	200	250
5F	4.0	9	20	-	428935 ^b	428944 ^b	428953 ^b	-	428971 ^b	428980 ^b	-	428990 ^b	428995 ^b
	5.0	9	19	428927 ^b	428936 ^b	428945 ^b	428954 ^b	-	428972 ^b	428981 ^b	-	428991 ^b	428996 ^b
	6.0	9	16	428928 ^b	428937 ^b	428946 ^b	428955 ^b	-	428973 ^b	428982 ^b	-	428992 ^b	428997 ^b
	7.0	9	15	428929 ^b	428938 ^b	428947 ^b	428956 ^b	-	-	-	-	-	-
	8.0	9	14	428930 ^b	428939 ^b	428948 ^b	428957 ^b	-	-	-	-	-	-
6F	9.0	9	12	-	428940 ^b	428949 ^b	428958 ^b	-	-	-	-	-	-
	10.0	8	11	-	428941 ^b	428950 ^b	428959 ^b	-	-	-	-	-	-

^aNP = Nominal Pressure and RBP = Rated Burst Pressure in atm (1 atm = 1.013 bar)
^b8 weeks pre-order only

*Note for Australia: Passeo-35 Xeo not approved by Therapeutic Goods Administration for use in the common iliac arteries. **Indication as per IFU.

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BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
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www.biotronik.com

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