



# VI Product Catalogue

May 2024

- Coronary Products
- Peripheral Products
- Accessory Products

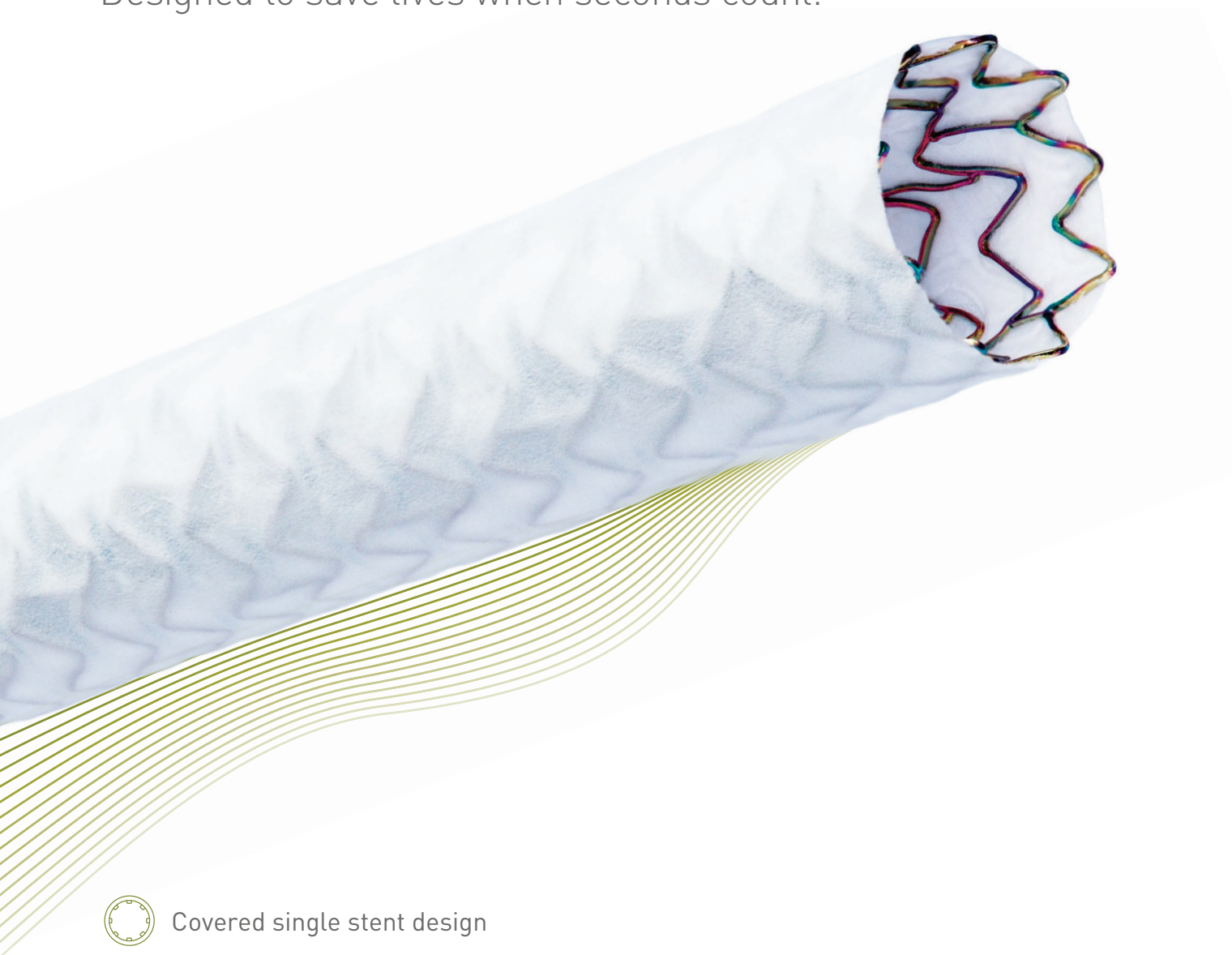


## 3 Covered Stent System

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

# PK Papyrus<sup>®</sup>

Designed to save lives when seconds count.<sup>1</sup>



Covered single stent design



Low crossing profile<sup>2</sup>



Exceptional deliverability<sup>3,4</sup>

# PK Papyrus®

Indicated for acute coronary artery perforations.\*

Vascular  
Intervention  
Coronary



Technical Data	Stent
Stent cover material	Non-woven, electrospun polyurethane
Stent strut thickness	ø 2.5 - 3.0 mm: 60 µm (0.0024"); ø 3.5 - 4.0 mm: 80 µm (0.0031"); ø 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	ø 2.5 - 3.0 mm: 3.50 mm; ø 3.5 - 4.0 mm: 4.65 mm; ø 4.5 - 5.0 mm: 5.63 mm
<b>Delivery system</b>	
Guide wire diameter	0.014"
Usable catheter length	140 cm
Recommended guide catheter	ø 2.5 - 4.0 mm: 5F (min. I.D.** 0.056"); ø 4.5 - 5.0 mm: 6F (min. I.D.** 0.070")
Nominal pressure (NP)	ø 2.5 - 3.5 mm: 8 atm; ø 4.0 - 5.0 mm: 7 atm
Rated burst pressure (RBP)	ø 2.5 - 4.0 mm: 16 atm; ø 4.5 - 5.0 mm: 14 atm

\*\*I.D. = Inner Diameter

Ordering Information	Stent ø (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
	4.5	369384	369390	369392
6F	5.0	369385	369391	369393

\* Indication as per IFU.

1. BIOTRONIK data on file; 2. Compared to Graftmaster Coronary Stent Graft System 2.8/16 (BIOTRONIK data on file); 3. Compared to Graftmaster Coronary Stent Graft System 2.8/16 (BIOTRONIK data on file); 4. Hernandez-Enriquez M, Lairez O, Campelo-Parada F, et al. Outcomes after use of covered stents to treat coronary artery perforations. Comparison of old and new-generation covered stents. J Interv Cardiol. 2018;1-7. doi: 10.1111/joic.12525.

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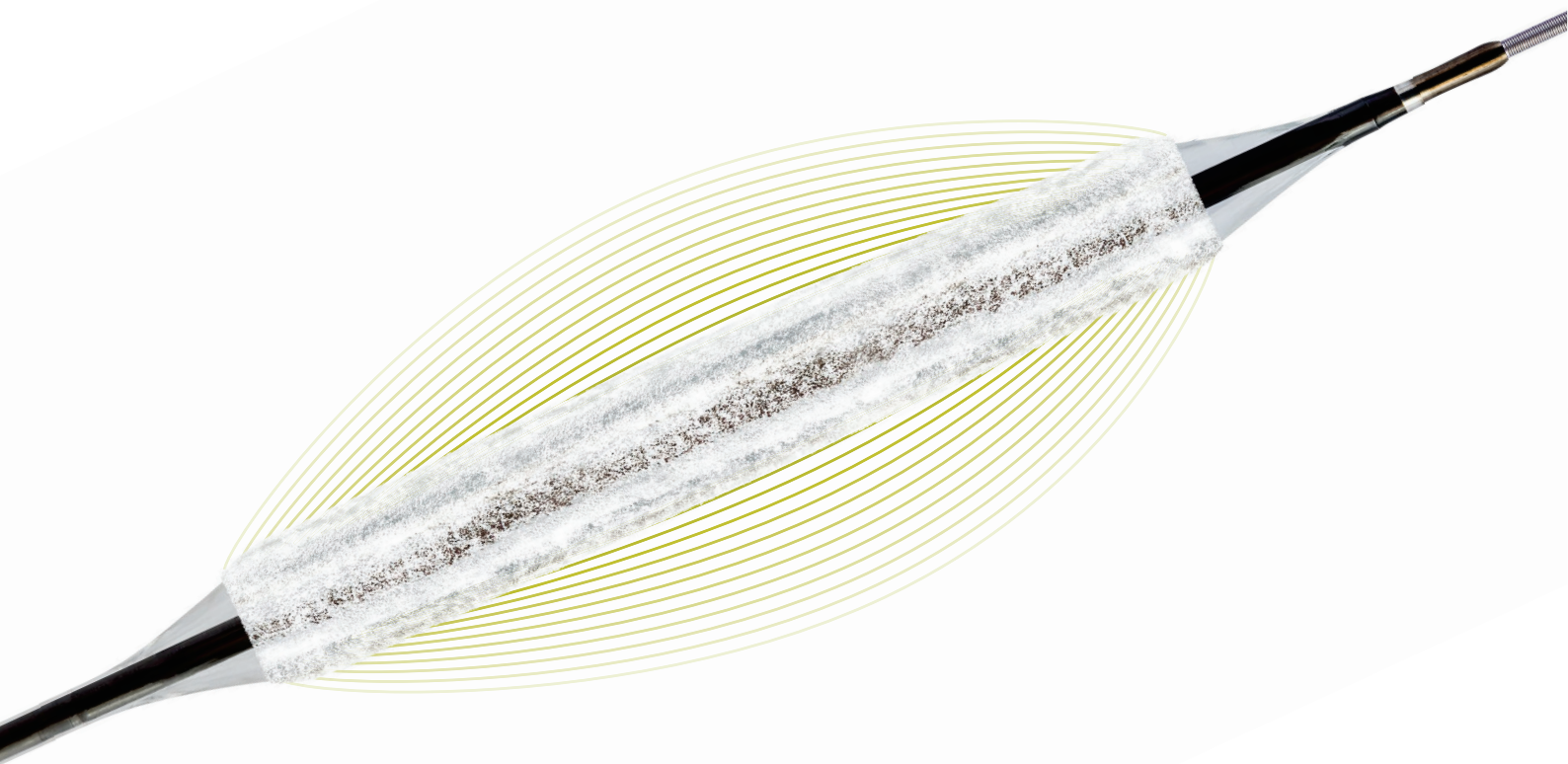




## 4 Drug-Coated Balloon Catheters

# Pantera<sup>®</sup> Lux<sup>®</sup> DCB

Clinically proven.<sup>1-12</sup> Best in class crossability.<sup>13</sup>



Clinically proven solution for in-stent-restenosis and further indications<sup>1-12</sup>



Lux<sup>®</sup> coating technology for rapid drug absorption<sup>14</sup>



Excellent deliverability<sup>13</sup>

# Pantera<sup>®</sup> Lux<sup>®</sup> 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 <sup>2</sup>	
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).

1. Tölg R et al. Coronary artery treatment with paclitaxel-coated balloon using a BTHC excipient: clinical results of the international real-world DELUX registry EuroIntervention. 2014; 10(5): 591-599; 2. Hehrlein C et al. Twelve-month results of a Paclitaxel Releasing Balloon in Patients Presenting with In-stent Restenosis First-in-Man (PEPPER) trial. Cardiovascular Revascularization Medicine. 2012; 13 (5): 260-264; 3. Kufner S, Joner M, Schneider S et al. Neointimal Modification With Scoring Balloon and Efficacy of Drug-Coated Balloon Therapy in Patients With Restenosis in Drug-Eluting Coronary Stents. JACC Cardiovasc Interv. 2017; 10(13): 1332-1340; 4. Jensen C et al. Angiographic and clinical performance of a paclitaxel-coated balloon compared to a second-generation sirolimus-eluting stent in patients with in-stent restenosis: the BIOLUX randomised controlled trial. EuroIntervention. 2018; 14: 1096-1103; 5. Nguyen V.P.T et al. Comparison of clinical outcomes of two different types of paclitaxel-coated balloons for treatment of patients with coronary in-stent restenosis. Heart and Vessels. 2019; 1-9. doi: 10.1007/s00380-019-01388; 6. Assadi-Schmidt A et al. SeQuent Please vs. Pantera Lux drug coated balloon angioplasty in real life: Results from the Düsseldorf DCB registry. Int J Cardiol. 2016. doi: 10.1016/j.ijcard.2016.12.022; 7. Vos NS et al. Safety and feasibility of a Paclitaxel-eluting balloon angioplasty in Primary Percutaneous coronary intervention in Amsterdam (PAPPA): one year clinical outcome of a pilot study. EuroIntervention. 2014; 10(5): 584-590; 8. Vos N S et al. Paclitaxel-Coated Balloon Angioplasty Versus Drug-Eluting Stent in Acute Myocardial Infarction (The REVELATION Randomized Trial). JACC: Cardiovascular Interventions. 2019; 1-9. doi:10.1016/j.jcin.2019.04.016; 9. Worthley S, Hendriks R, Worthley M et al. Paclitaxel-eluting balloon and everolimus-eluting stent for provisional stenting of coronary bifurcations: 12-months results of the multicenter BIOLUX-I study. Cardiovasc Revasc. Med. 2015; 16(7): 413-417; 10. Jim MH et al. Six month angiographic result of supplementary paclitaxel-eluting balloon deployment to treat side branch ostium narrowing (SARPEDON). Int J Cardiol. 2015; 187:594-597; 11. Roncalli J et al. Paclitaxel Drug-Coated Balloon After Bare-Metal Stent Implantation, an Alternative Treatment to Drug-Eluting Stent in High Bleeding Risk Patients (The Panelux Trial). J INVASIVE CARDIOL. 2019;31(4):94-100; 12. García-Touchard A, Goicolea J, Sabaté M et al. A randomised trial of paclitaxel-eluting balloon after bare metal stent implantation vs. bare metal stent in ST-elevation myocardial infarction (the PEBSI study). EuroIntervention. 2017; 12(13): 1587-1594; 13. BIOTRONIK data on file; 14. Radke PW et al. Vascular effects of paclitaxel following drug-eluting balloon angioplasty in a porcine coronary model: the importance of excipients. EuroIntervention. 2011 Oct; 7(6): 730-7.

The Pantera<sup>®</sup> Lux<sup>®</sup> DCB with its Lux<sup>®</sup> coating is part of the Lux<sup>®</sup> family of Paclitaxel-coated balloons from BIOTRONIK.

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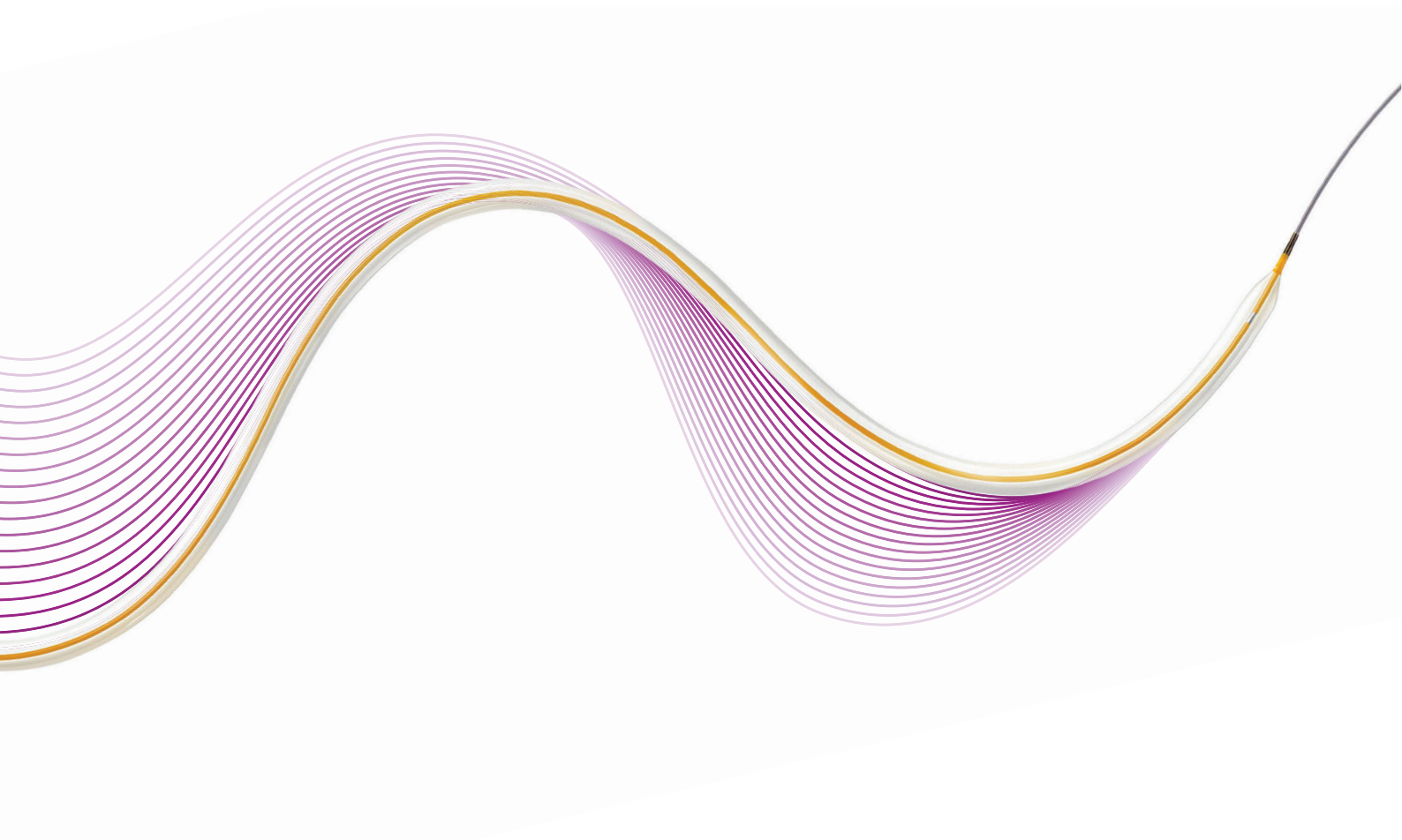
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excellence for life



## 2 Peripheral Balloon Catheters

# Passeo<sup>®</sup>-14



Up to 3.8 x faster deflation times

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Enhanced crossability

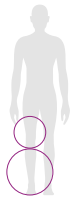
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High pushability and flexibility

# Passeo<sup>®</sup>-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 <sup>a</sup>	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 <sup>a</sup>	380287 <sup>a</sup>	380293 <sup>a</sup>	380299 <sup>a</sup>	-	-
		90	4.0	-	380282	380288	380294	380300	-	-
		150	4.0	-	-	-	-	-	-	-
4F	Crossover approach	150	1.5	380313 <sup>a</sup>	380319	380325	-	-	-	-
		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 <sup>a</sup>	380329 <sup>a</sup>	380335 <sup>a</sup>	380341 <sup>a</sup>	-	-
		150	4.0	-	380324	380330	380336	380342	-	-
		150	4.0	-	-	-	-	-	-	-

<sup>a</sup>8 weeks pre-order only

\*Indication as per IFU.

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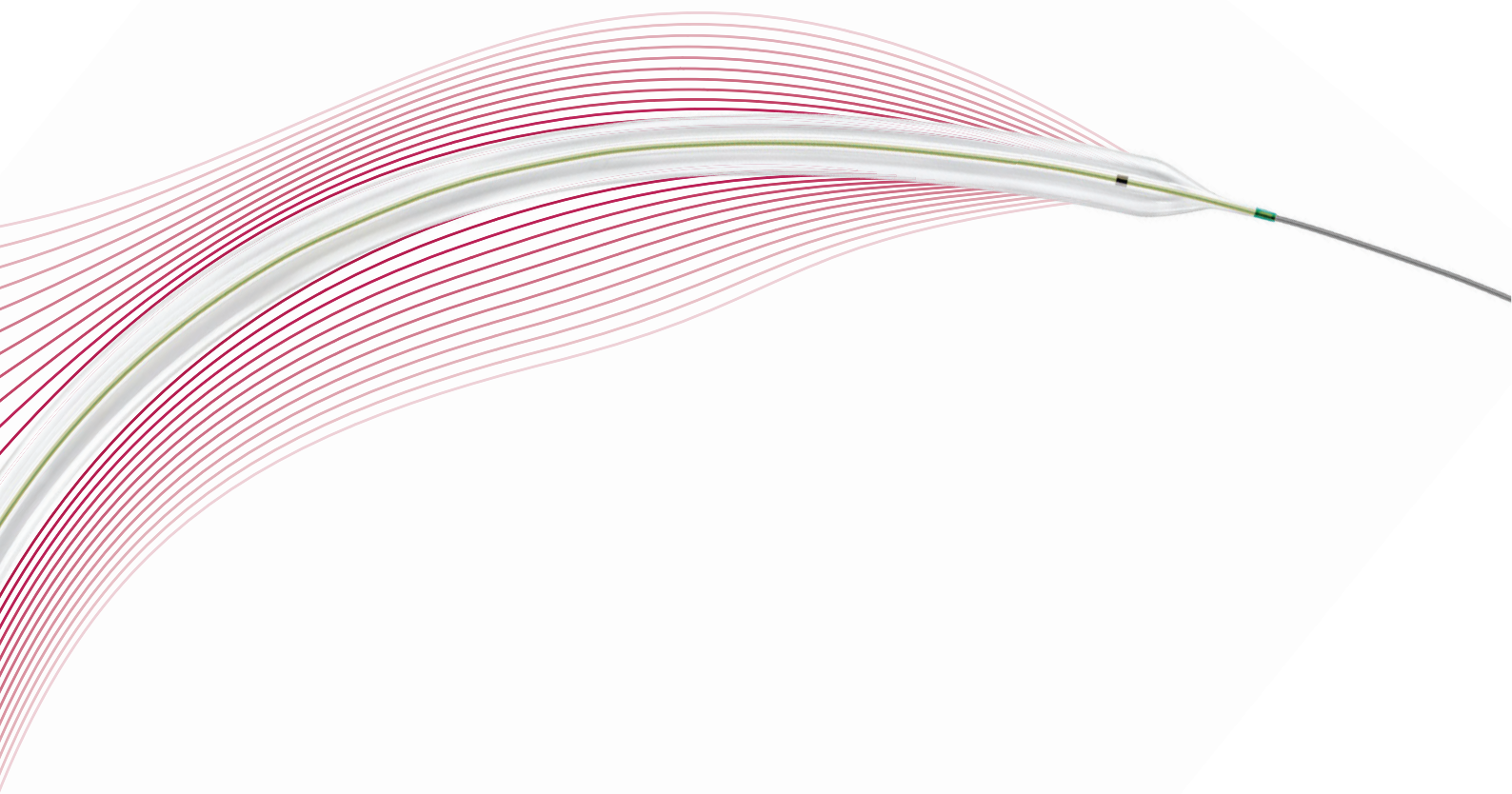
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# Passeo<sup>®</sup>-18

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



High pushability



Controlled compliance

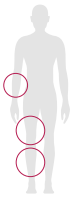


Low profile and wide range of sizes



# Passeo<sup>®</sup>-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	ø 2.0 x	ø 2.5 x	ø 2.5 x	ø 3.0 x	ø 3.0 x	ø 3.5 x	ø 3.5 x	ø 4.0 x	ø 4.0 x	ø 5.0 x	ø 5.0 x	ø 5.0 x	ø 6.0 x	ø 7.0 x
		20-170	200	20-170	200	20-170	200	20-170	200	20-150	170-200	20-120	150	170-200	20-200	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)

			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 <sup>a</sup>	376275 <sup>a</sup>	376283 <sup>a</sup>

### Catheter Length (cm) Balloon ø (mm) Balloon Length (mm)

			Balloon Length (mm)							
			20	40	60	80	120	150	170	200
5F Retrograde approach	150	2.0	366115	366118	366119	366123	366126	366129	366137	376296
	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 <sup>a</sup>	376295 <sup>a</sup>	376303 <sup>a</sup>

<sup>a</sup>8 weeks pre-order only

\*Indication as per IFU.

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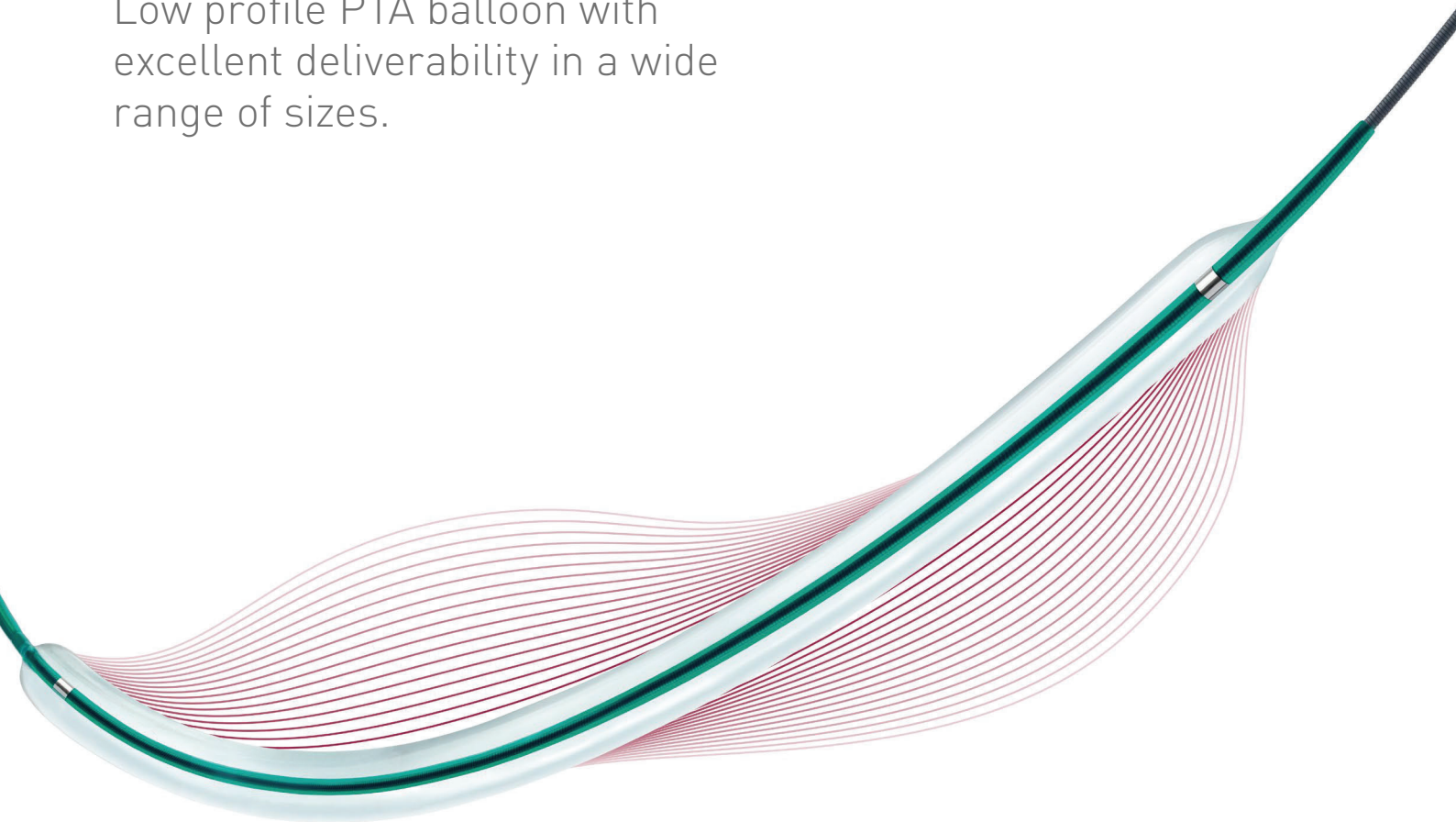
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# Passeo<sup>®</sup>-35 Xeo

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



Improved crossability



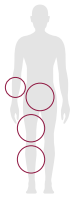
Excellent deliverability



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 <sup>a</sup>	RBP <sup>a</sup>	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 <sup>a</sup>	RBP <sup>a</sup>	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 <sup>b</sup>	-	-	-	-
	10.0	8	11	428858	428867	428876	428885	428894	428903 <sup>b</sup>	-	-	-	-
7F	12.0	8	10	-	428868	428877	428886	428895	428904 <sup>b</sup>	-	-	-	-

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

<sup>a</sup>NP = Nominal Pressure and RBP = Rated Burst Pressure in atm (1 atm = 1.013 bar)  
<sup>b</sup>8 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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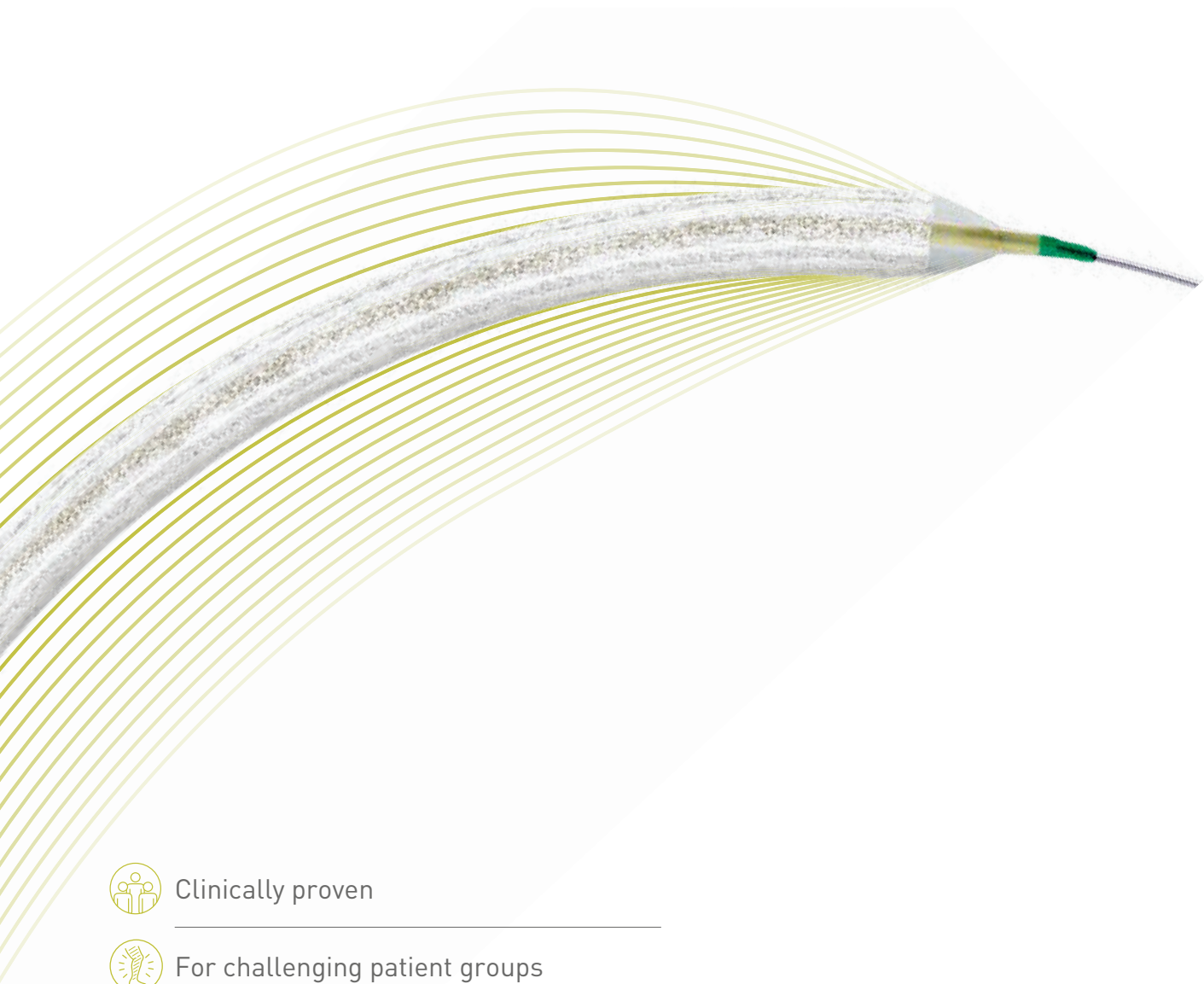


### 3 Peripheral Drug-Coated Balloon Catheters

Vascular Intervention // **Peripheral**  
Drug-Coated Balloon Catheter / 0.018" / OTW

# Passeo<sup>®</sup>-18 Lux<sup>®</sup>

Clinically proven results in challenging patient groups



Clinically proven



For challenging patient groups



Effective drug delivery

# Passeo<sup>®</sup>-18 Lux<sup>®</sup>

Vascular  
Intervention  
Peripheral



Indicated to dilate de novo or restenotic lesions  
in the infrainguinal arteries.\*

Technical Data	Drug-coated balloon
Catheter type	OTW
Recommended guide wire	0.018"
Tip	Short, tapered
Balloon markers	2 swaged markers (zero profile)
Shaft	3.8F, hydrophobic coated
Usable Length	90, 130 cm; 150 cm (only ø 2.0 mm)
Introducer size	4F (ø 2.0 - 4.0 mm); 5F (ø 5.0 - 7.0 mm)
Nominal Pressure (NP)	6 atm
Rated Burst Pressure (RBP)	15 atm (ø 2.0 - 5.0 mm); 12 atm (ø 6.0 - 7.0 mm)

### Coating

Drug	Paclitaxel
Drug concentration	3.0 µg/mm <sup>2</sup>
Coating 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 40-120	ø 2.5 x 40-120	ø 3.0 x 40-120	ø 4.0 x 40-120	ø 5.0 x 40-120	ø 6.0 x 40-120	ø 7.0 x 40-120
Nominal Pressure (NP)	atm**	6	6	6	6	6	6	6
	ø (mm)	2.0	2.5	3.0	4.0	5.0	6.0	7.0
Rated Burst Pressure (RBP)	atm**	15	15	15	15	15	12	12
	ø (mm)	2.1	2.6	3.2	4.3	5.3	6.2	7.3

\*\*1 atm = 1.013 bar

### Ordering Information

#### Catheter Length (cm)    Balloon ø (mm)    Balloon Length (mm)

		Balloon Length (mm)			
		40	80	120	
4F	90	2.0	379860	379861	379862
	90	2.5	379866	379867	379868
	90	3.0	370843	370848	370853
	90	4.0	370844	370849	370854
	90	5.0	370845	370850	370855
5F	90	6.0	370846	370851	370856
	90	7.0	370847	370852	370857
	150	2.0	379863	379864	379865
4F	130	2.5	379869	379870	379871
	130	3.0	370858	370863	370868
	130	4.0	370859	370864	370869
	130	5.0	370860	370865	370870
5F	130	6.0	370861	370866	370871
	130	7.0	370862	370867	370872

\*Indication as per IFU.

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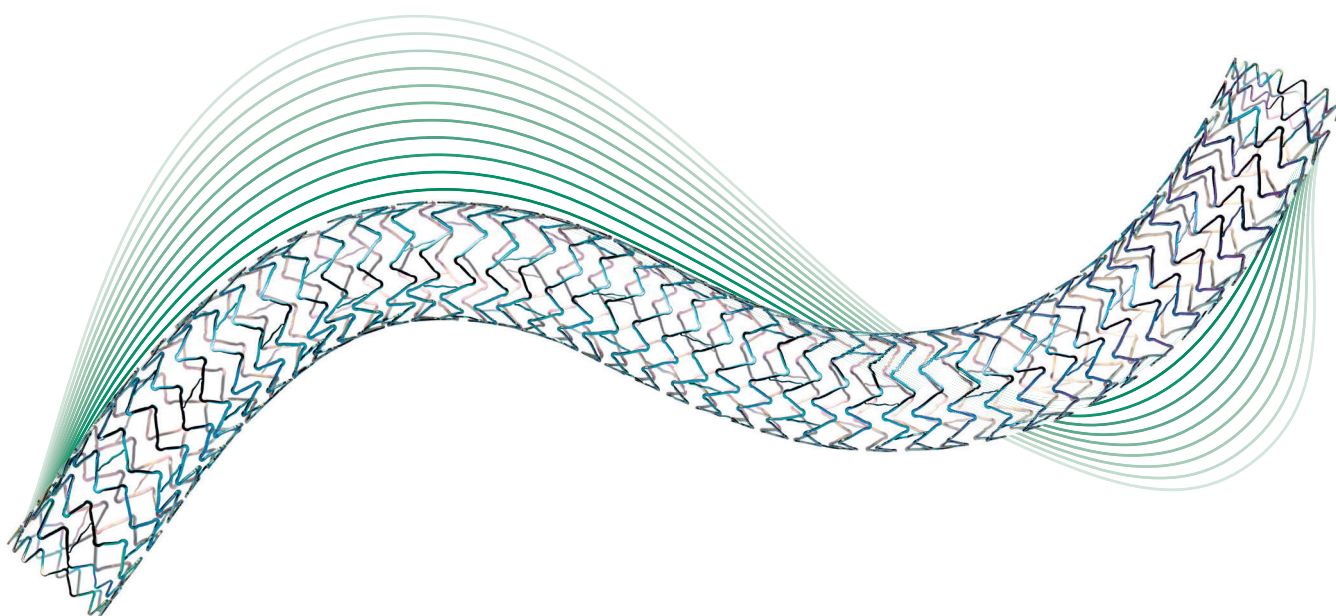


## 4 Peripheral Stent Systems



# Dynetic<sup>®</sup>-35

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



High radial strength

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Largest size range

---



Deliverability in 6F compatibility

# 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 <sup>a</sup>	-	-
	6.0	-	428747	428753	428759	-
	7.0	-	428748	428754	428760	428764 <sup>a</sup>
	8.0	-	448972	448975	448978	448981 <sup>a</sup>
	9.0	-	448973	448976	448979	-
	10.0	-	-	448977 <sup>a</sup>	-	-

<sup>a</sup>8 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.

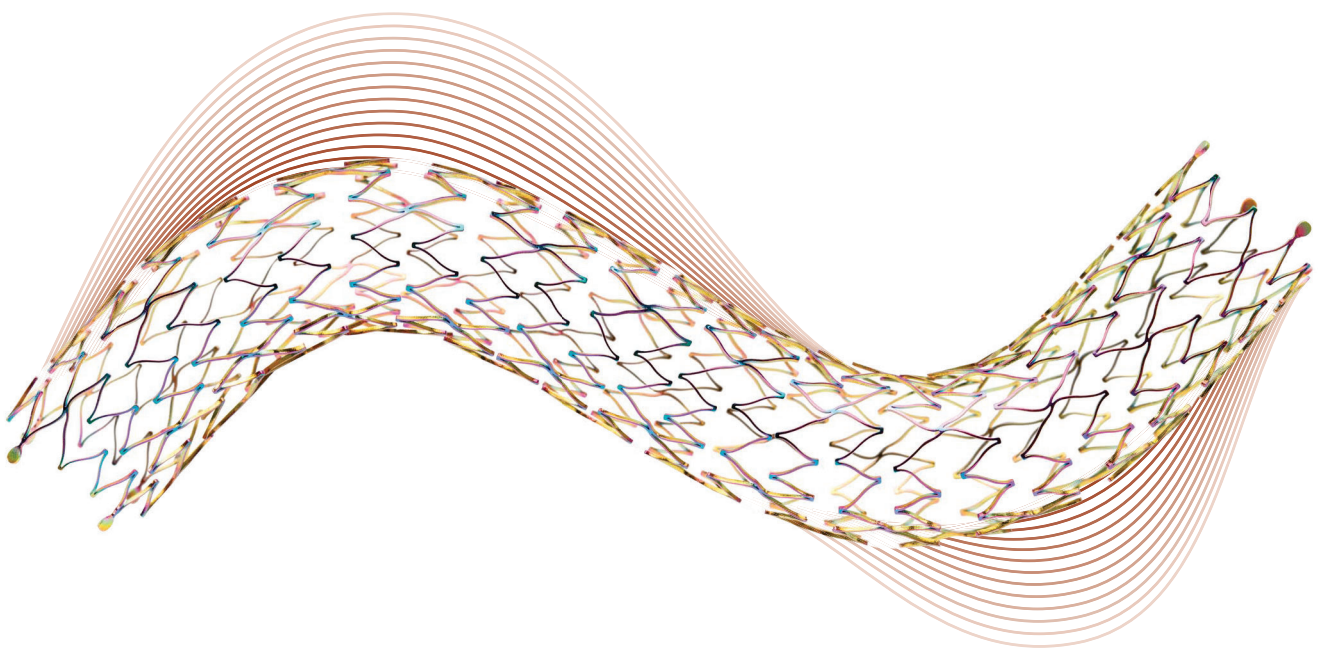
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# Astron<sup>®</sup>



Clinically proven stent for the treatment of iliac disease



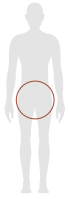
Pull-back delivery system for simple stent deployment



5.2F proximal shaft for contrast injection with device in sheath

# Astron<sup>®</sup>

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 <sup>®</sup> (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
6F	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
	9.0	343793	343794	343795	343796

\*Indication as per IFU.

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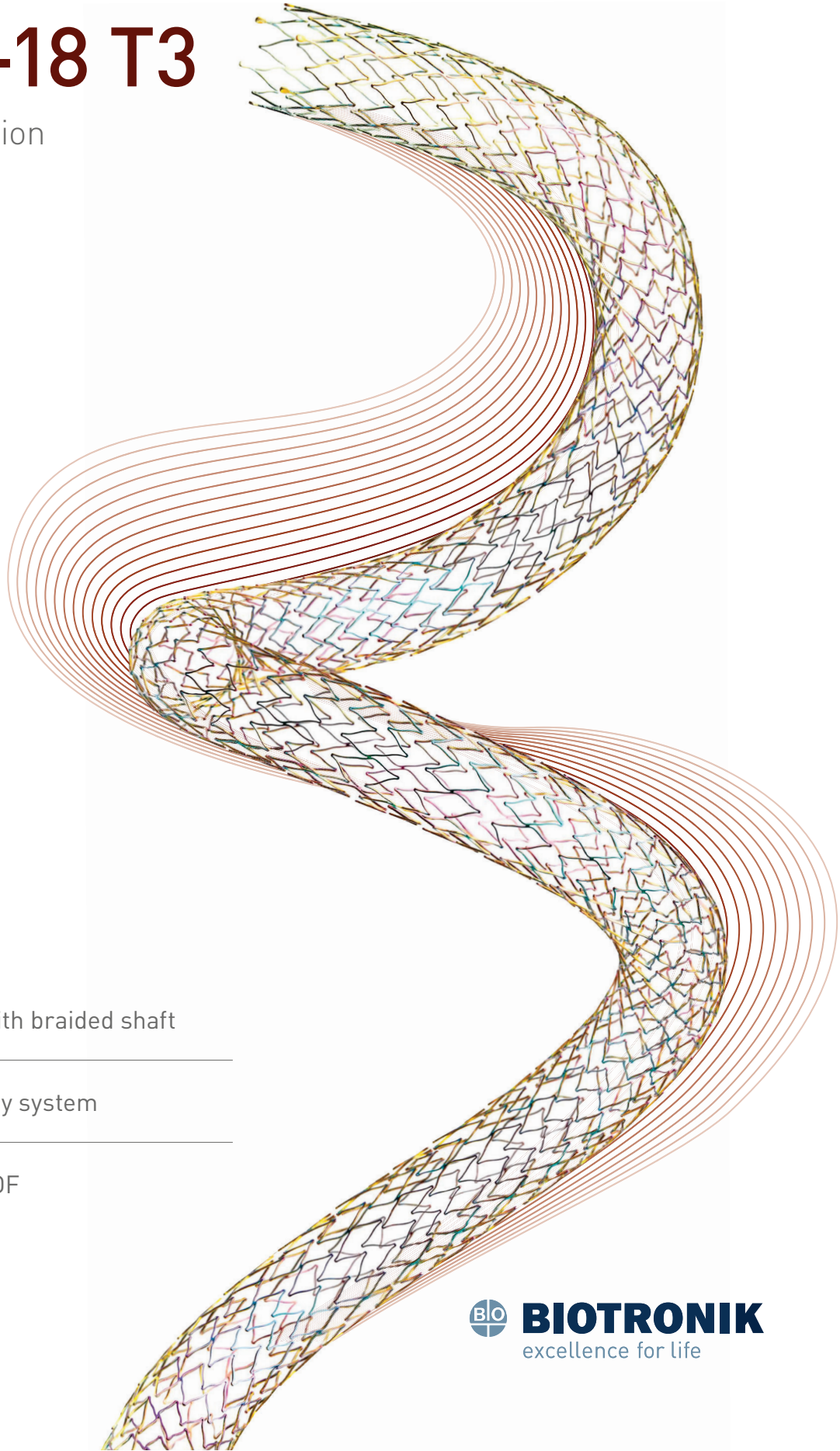
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Vascular Intervention // **Peripheral**  
Self-Expanding Stent System / 0.018" / OTW

# Pulsar<sup>®</sup>-18 T3

A unique combination  
of 3 technologies



◎ Tri-axial system with braided shaft

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④ 4F Low profile delivery system

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□□□ 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
	Stent ø (mm)	Catheter length 135 cm (Stent length mm)									
		20**	30	40	60	80	100	120	150	170	200
4F	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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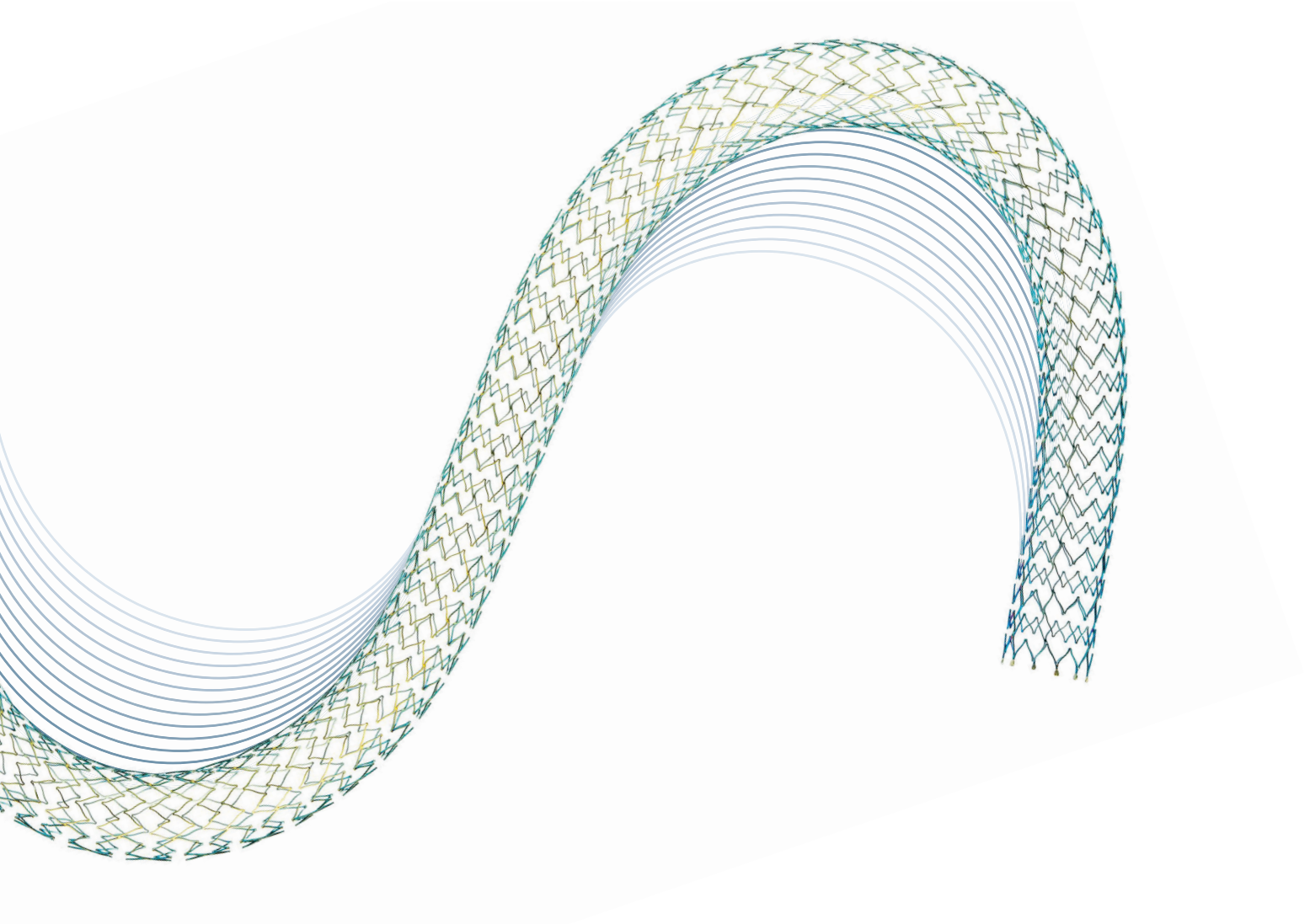
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Vascular Intervention // Peripheral  
Self-Expanding Stent System / 0.035" / OTW

# Pulsar<sup>®</sup>-35



140  $\mu$ m thin struts



Clinically proven



Tri-axial delivery system



# 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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