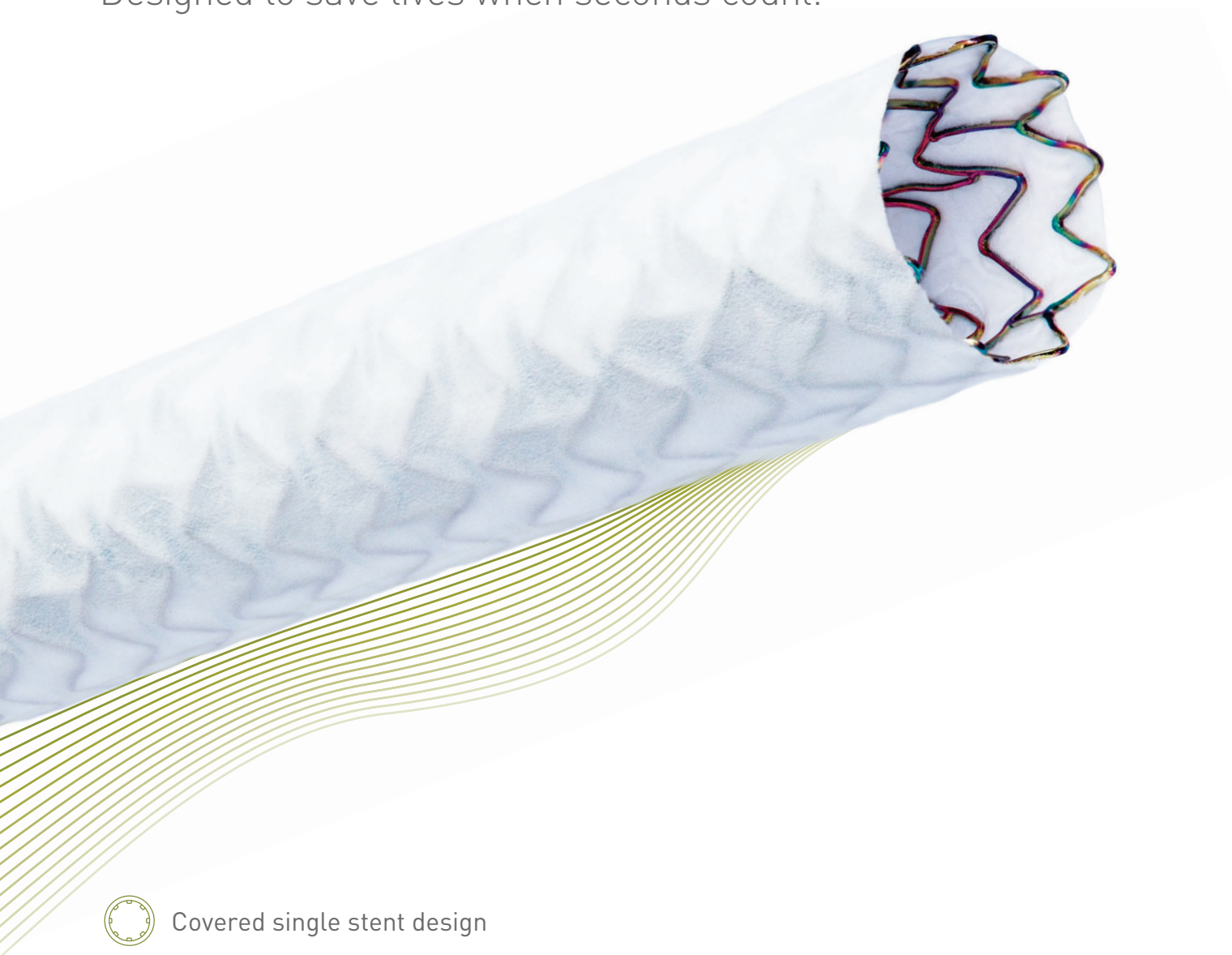


Vascular Intervention // **Coronary**
Covered Coronary Stent System

PK Papyrus[®]

Designed to save lives when seconds count.¹



Covered single stent design



Low crossing profile²



Exceptional deliverability^{3,4}

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
Delivery system	
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

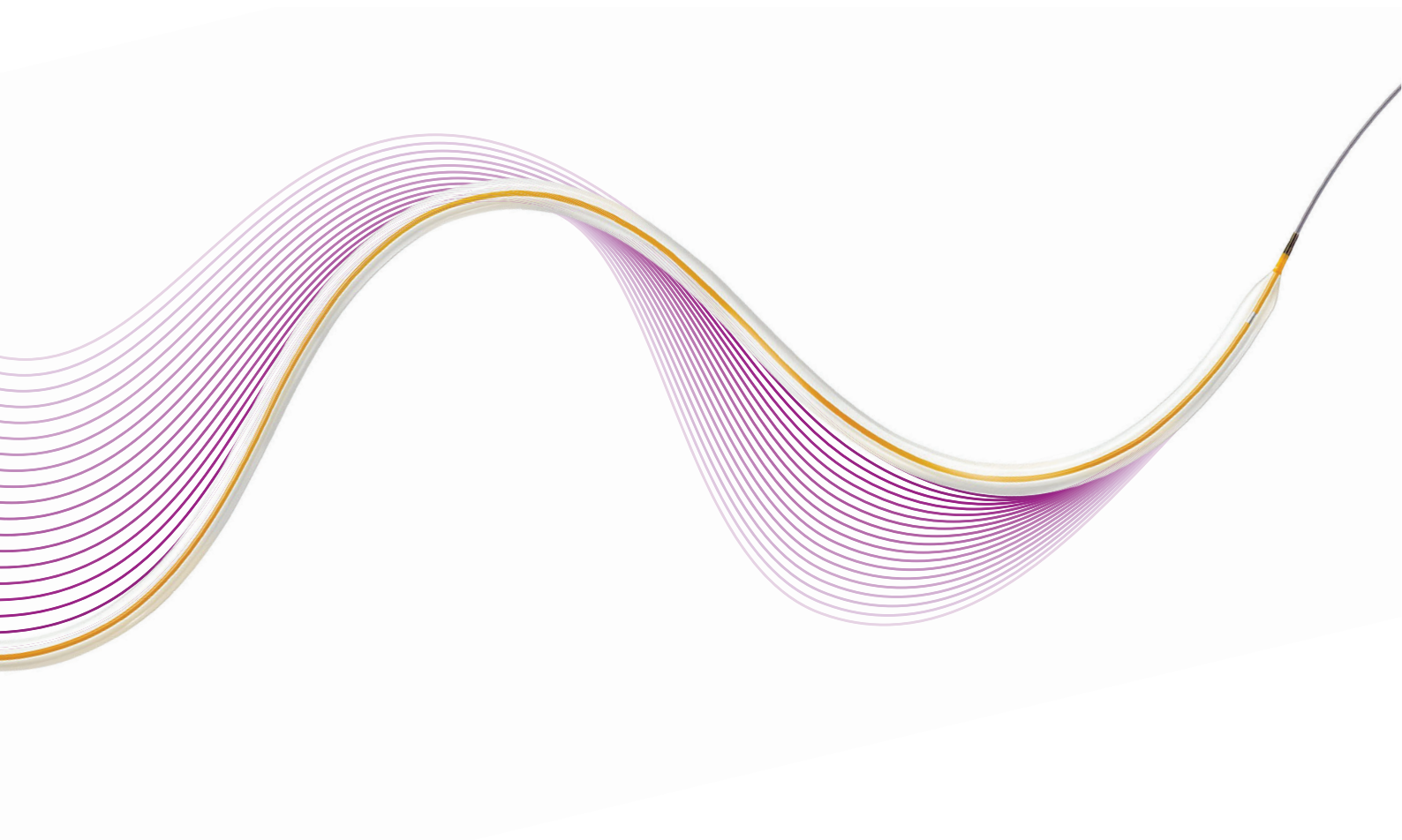
Ordering Information	Stent ø (mm)	Catheter length 140 cm Stent length (mm)		
		15	20	26
5F	2.5	369380	369386	-
	3.0	369381	369387	381789
	3.5	369382	369388	381790
	4.0	369383	369389	381791
	4.5	369384	369390	369392
6F	5.0	369385	369391	369393

* 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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Passeo[®]-14



Up to 3.8 x faster deflation times



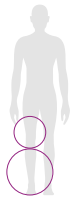
Enhanced crossability



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

*Indication as per IFU.

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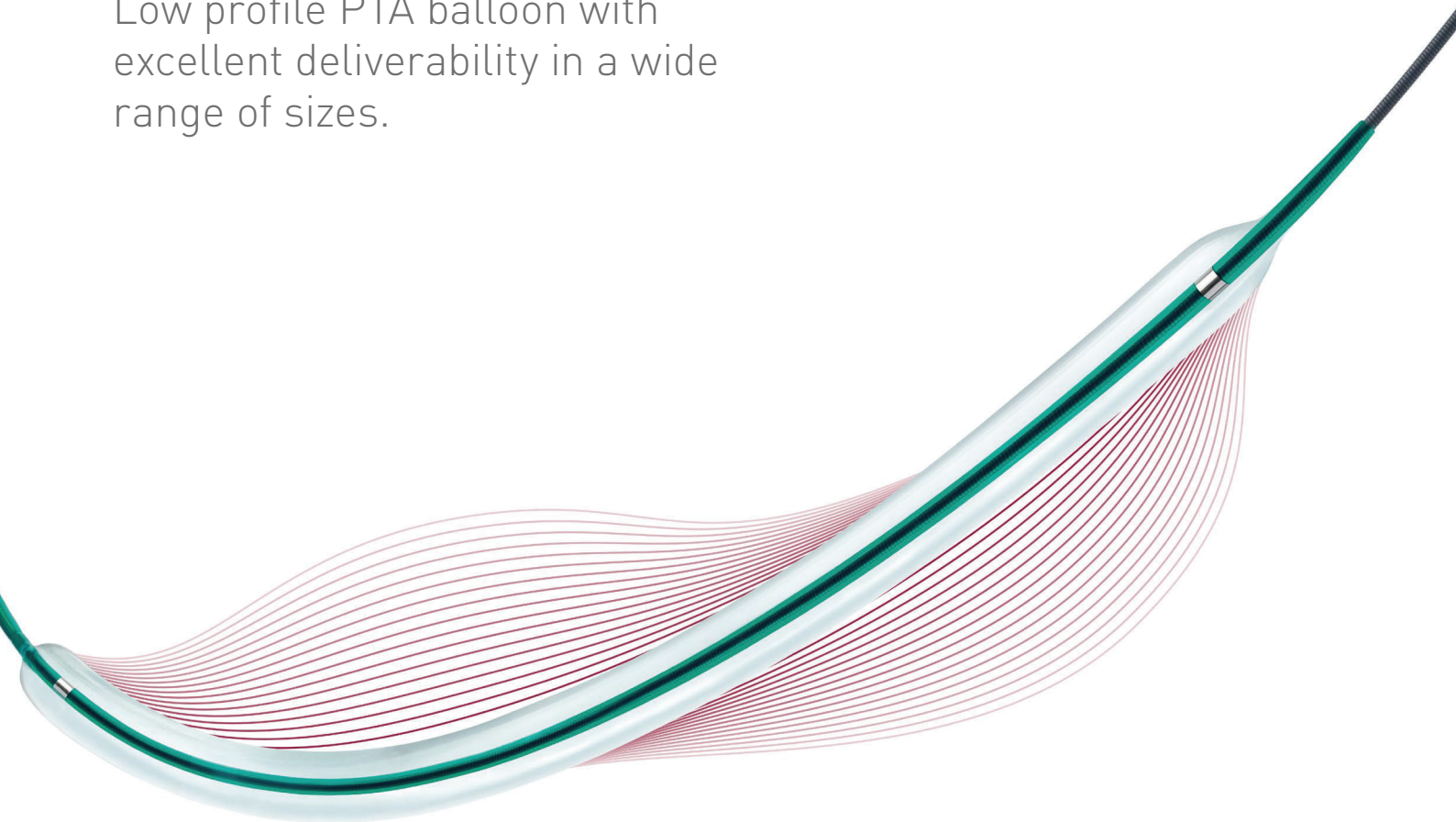
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Passeo[®]-35 Xeo

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



Improved crossability



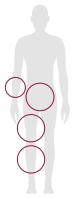
Excellent deliverability



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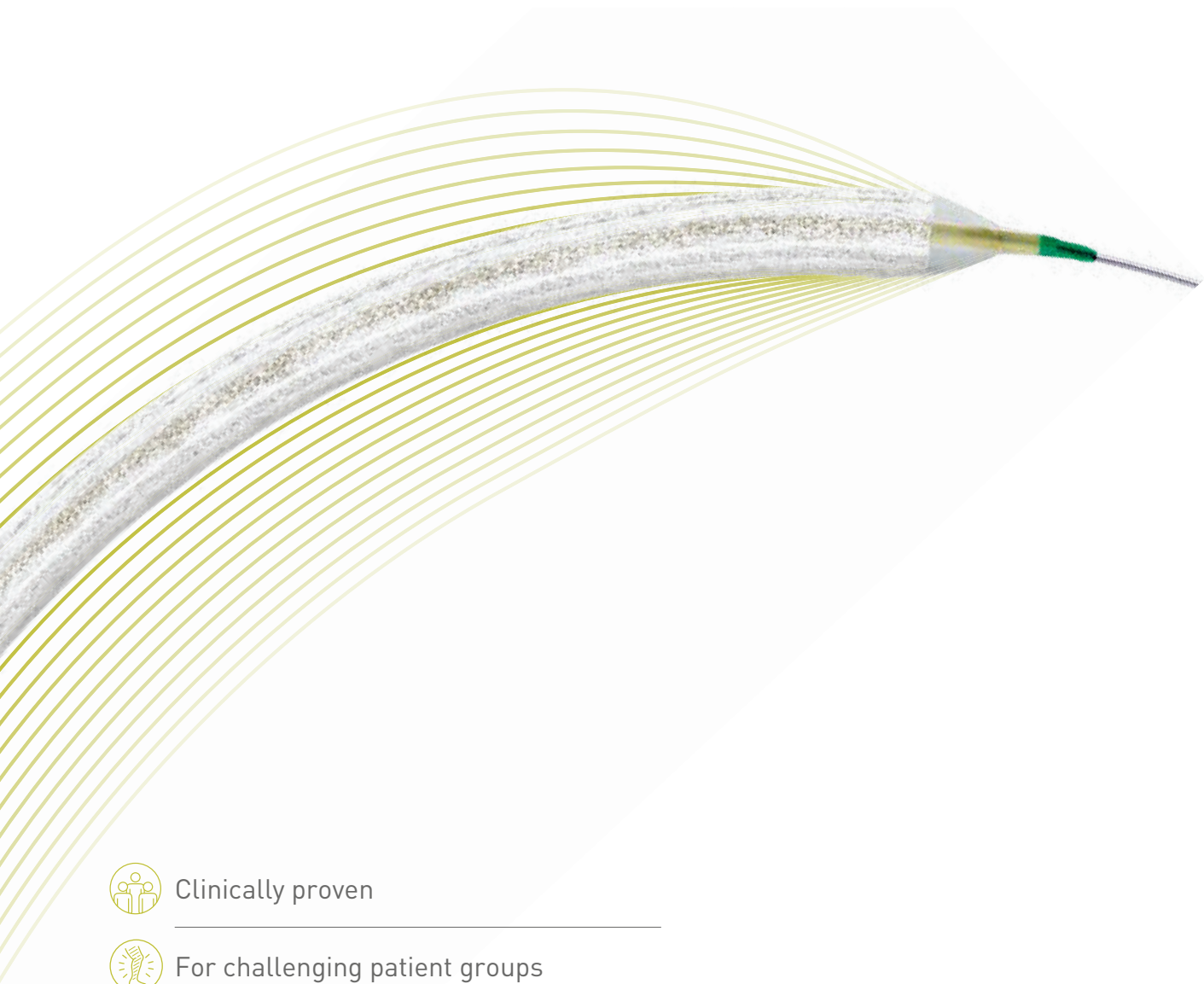
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Vascular Intervention // **Peripheral**
Drug-Coated Balloon Catheter / 0.018" / OTW

Passeo[®]-18 Lux[®]

Clinically proven results in challenging patient groups



Clinically proven



For challenging patient groups



Effective drug delivery

Passeo[®]-18 Lux[®]

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 ²
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
5F	90	5.0	370845	370850	370855
	90	6.0	370846	370851	370856
	90	7.0	370847	370852	370857
4F	150	2.0	379863	379864	379865
	130	2.5	379869	379870	379871
	130	3.0	370858	370863	370868
	130	4.0	370859	370864	370869
	130	5.0	370860	370865	370870
	130	6.0	370861	370866	370871
	130	7.0	370862	370867	370872

*Indication as per IFU.

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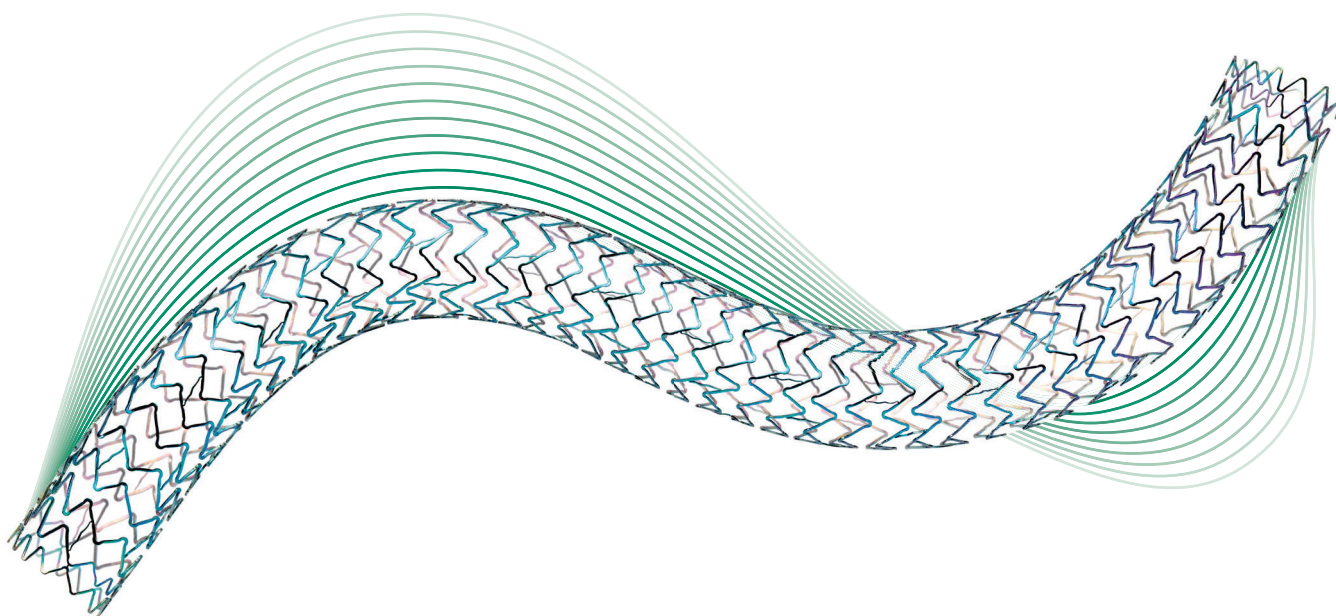
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excellence for life

Dynetic[®]-35

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



High radial strength



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 ^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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