

BIOTRONIK

Product Catalogue

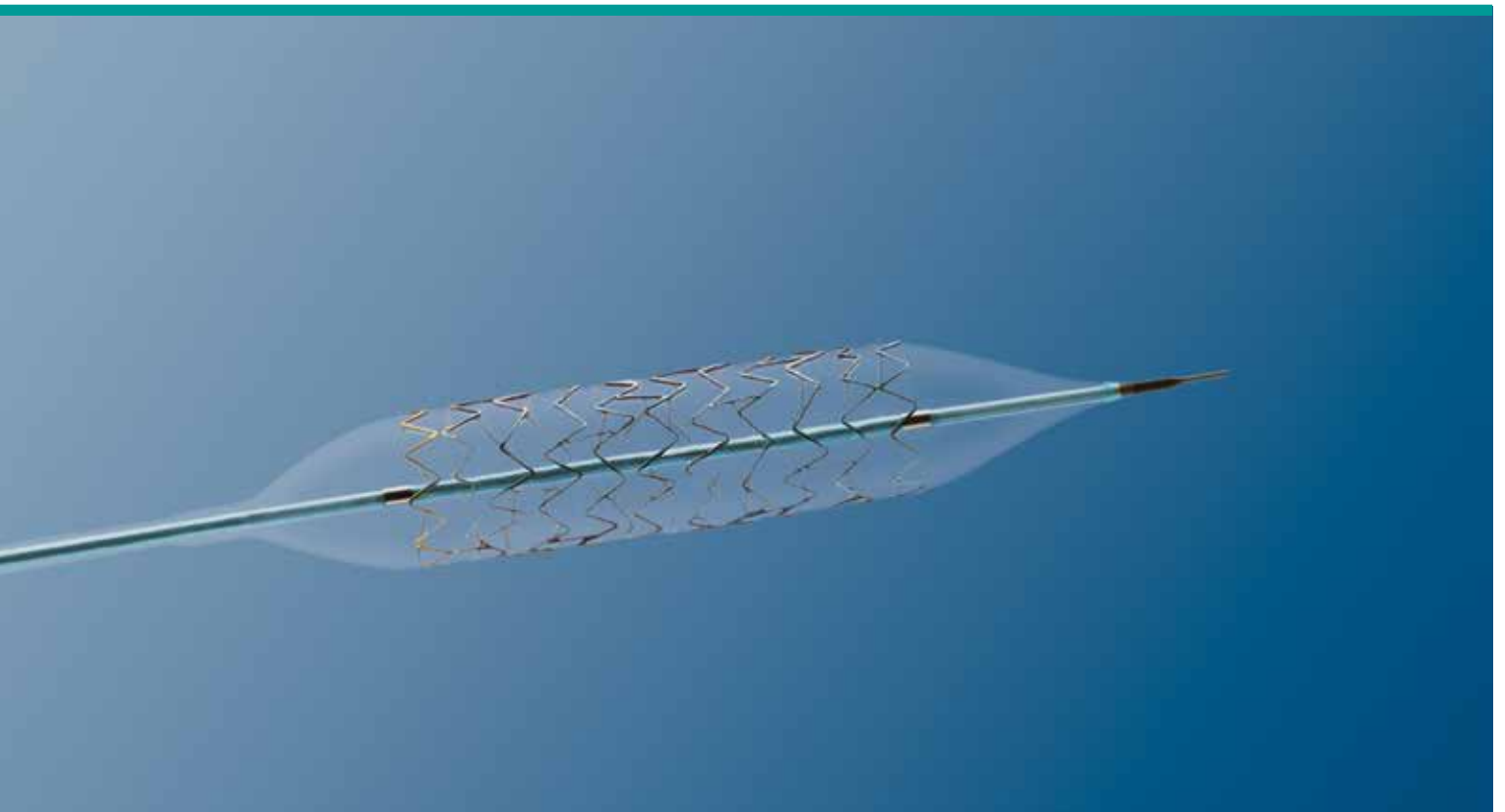
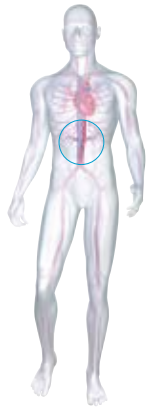
Vascular Intervention



Vascular Intervention // Peripheral

Dynamic Renal

Balloon-Expandable Cobalt Chromium Stent/0.014"/RX
Indicated for renal arteries



- Proximal gold marker for superior visibility and accurate stent placement
- Double helix stent design for high flexibility
- Cobalt chromium alloy combining a lower profile with improved radial force
- **proBIO** coating for improved stent surface biocompatibility¹

¹ Rzany A, Schaldach M. 2001. Progress in Biomedical Research 2001 May: 182-194.

Dynamic Renal

Balloon-Expandable Cobalt Chromium Stent/0.014"/RX

Technical Data		Stent	
Stent		Balloon-expandable	
Stent material		Cobalt Chromium (L605)	
Strut thickness		130 µm (ø 4.5 - 5.0 mm) 150 µm (ø 6.0 - 7.0 mm)	
Stent coating		proBIO (Amorphous Silicon Carbide)	
Sizes		ø 5.0 - 10.0 mm; L: 15 - 25 - 38 - 56 mm	
		Delivery system	
Catheter type		Rapid exchange (Rx)	
Recommended guide wire		0.014"	
Tip		Soft, short and tapered	
Balloon markers		2 swaged markers	
Shaft		5F, hydrophobic coating, dual-lumen	
Usable length		80 and 140 cm	
Guide wire lumen		Hydrophobic coating	
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

Ordering Information	Stent ø (mm)	Catheter length 80 cm Stent length (mm)			Catheter length 140 cm Stent length (mm)		
		12	15	19	12	15	19
4F	4.5	358582	368711	358586	358574	368707	358578
	5.0	358583	368712	358587	358575	368708	358579
5F	6.0	358584	368713	358588	358576	368709	358580
	7.0	358585	368714	358589	358577	368710	358581

Dynamic Renal is part of the BIOTRONIK portfolio, including:

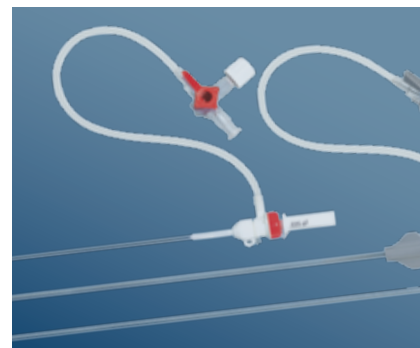
- 4F ■ Introducer Sheath: **Fortress** ■ Guide Wires: **XT-14, Cruiser, Cruiser-18**
- Balloons: **Passeo-14, Passeo-18, Passeo-18 Lux** ■ Stents: **PRO-Kinetic Energy Explorer, Pulsar-18**
- 6F ■ Introducer Sheath: **Fortress** ■ Balloons: **Passeo-35, Passeo-35 HP, AngioSculpt** ■ Stents: **Dynamic, Astron, Pulsar-35**

For ordering please contact your
local sales representative

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