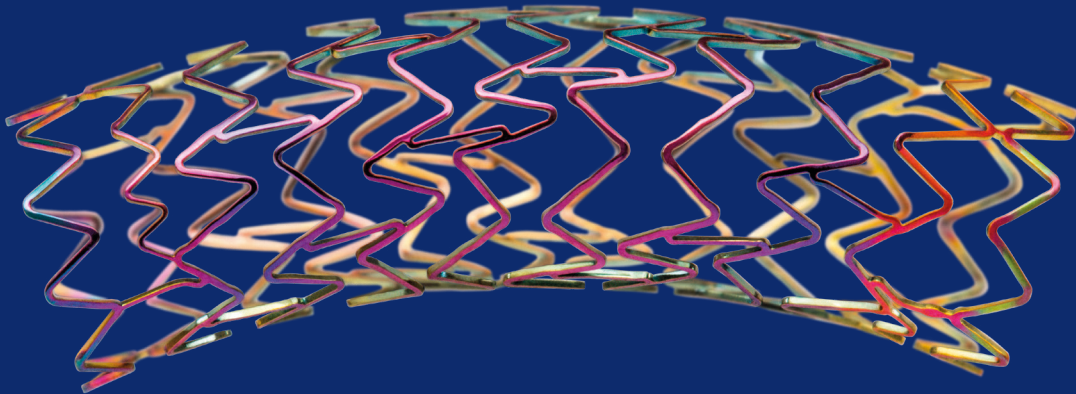


Dynamic Renal

Balloon-Expandable
Cobalt Chromium
Stent System



Dynamic Renal Stent

Superior visibility, high flexibility and low crossing profile.¹

Proximal gold marker for superior visibility to support accurate stent placement¹

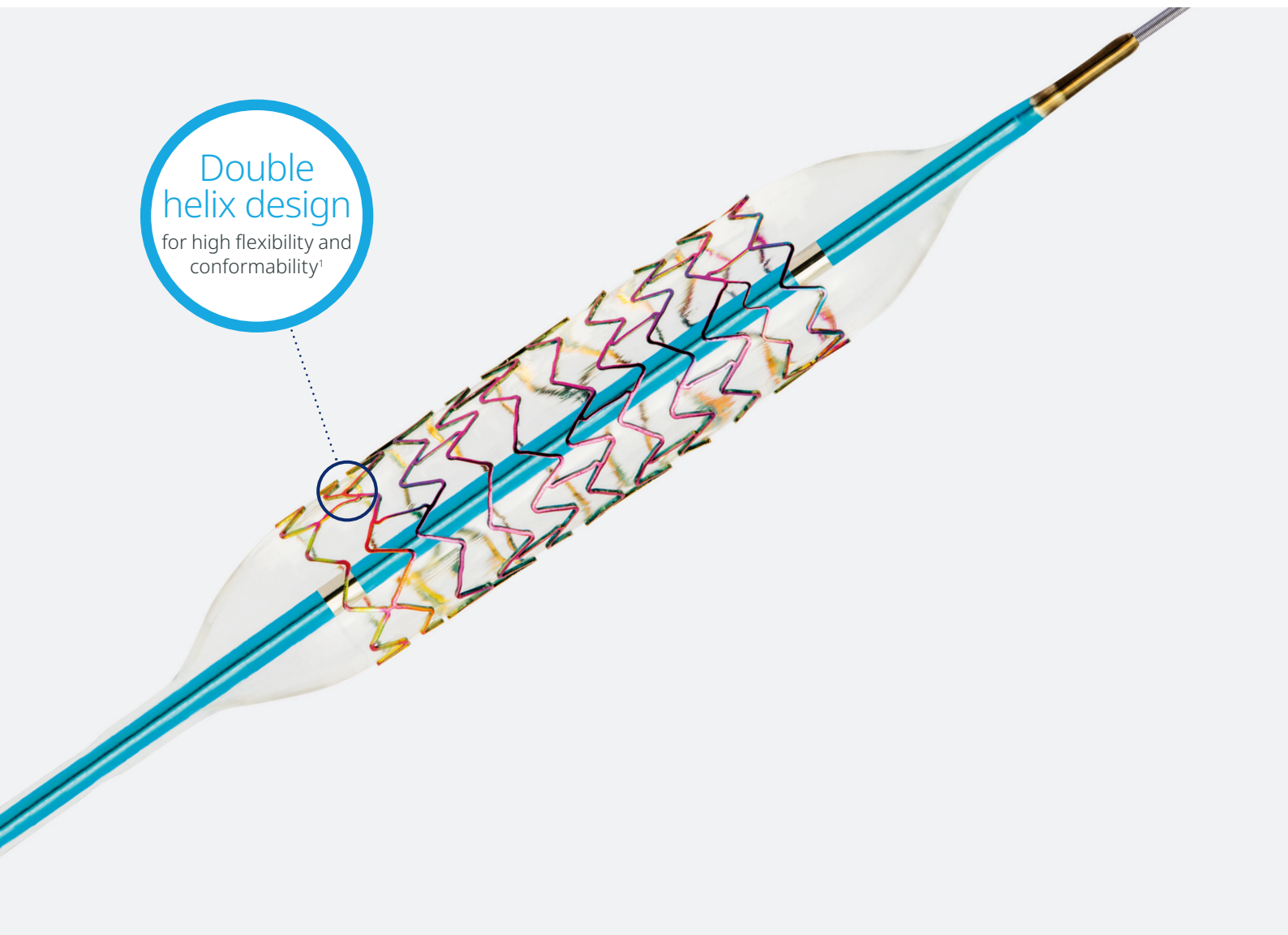
The gold plated proximal stent ring element facilitates superior visibility allowing accurate ostial stent placement.

Cobalt chromium alloy combining a lower profile with high radial force¹

The cobalt chromium alloy thin strut stent design permits a low crossing profile while maintaining a high radial force for vessel scaffolding.

Double helix stent design for high flexibility¹

The double helix stent design ensures high flexibility, homogeneous wall coverage and superb conformability.

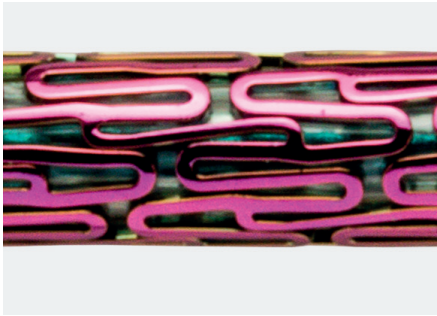


Double
helix design
for high flexibility and
conformability¹

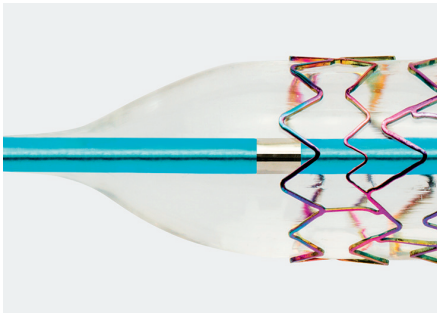
proBIO™ coating for improved stent surface biocompatibility²

The proBIO™ silicon carbide coating acts as a barrier between the metal stent and the surrounding tissue and blood, protecting the surface of the stent. By providing a barrier against ion release, the coating creates a surface that reduces platelet aggregation while facilitating endothelialization.²

Deliverability



Thermal crimping techniques ensure secure stent retention forces and a smooth, low crossing profile.¹

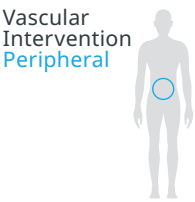


The short balloon overhang may prevent barotrauma on healthy vessel tissue.¹



The short balloon tip promotes excellent crossability and trackability.¹

Dynamic Renal Stent



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

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	140 cm
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 × 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

* Indication as per IFU

** 1 atm = 1.013 bar

Ordering Information

STENT Ø		CATHETER LENGTH 140 CM; STENT LENGTH		
		12 mm	15 mm	19 mm
4F	4.5 mm	358582	368711	358586
	5.0 mm	358583	368712	358587
5F	6.0 mm	358584	368713	358588
	7.0 mm	358585	368714	358589

References

- 1 Data on file.
- 2 Rzany A, Schaldach M. Smart Material Silicon Carbide: Reduced Activation of Cells and Proteins on a-SiC:H-coated Stainless Steel. Progress in Biomedical Research 2001; May: 182-194.

Refer to IFU

Refer to QR code for a copy of the Instructions for Use for a complete listing of the indications, contraindications, warnings and precautions.



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