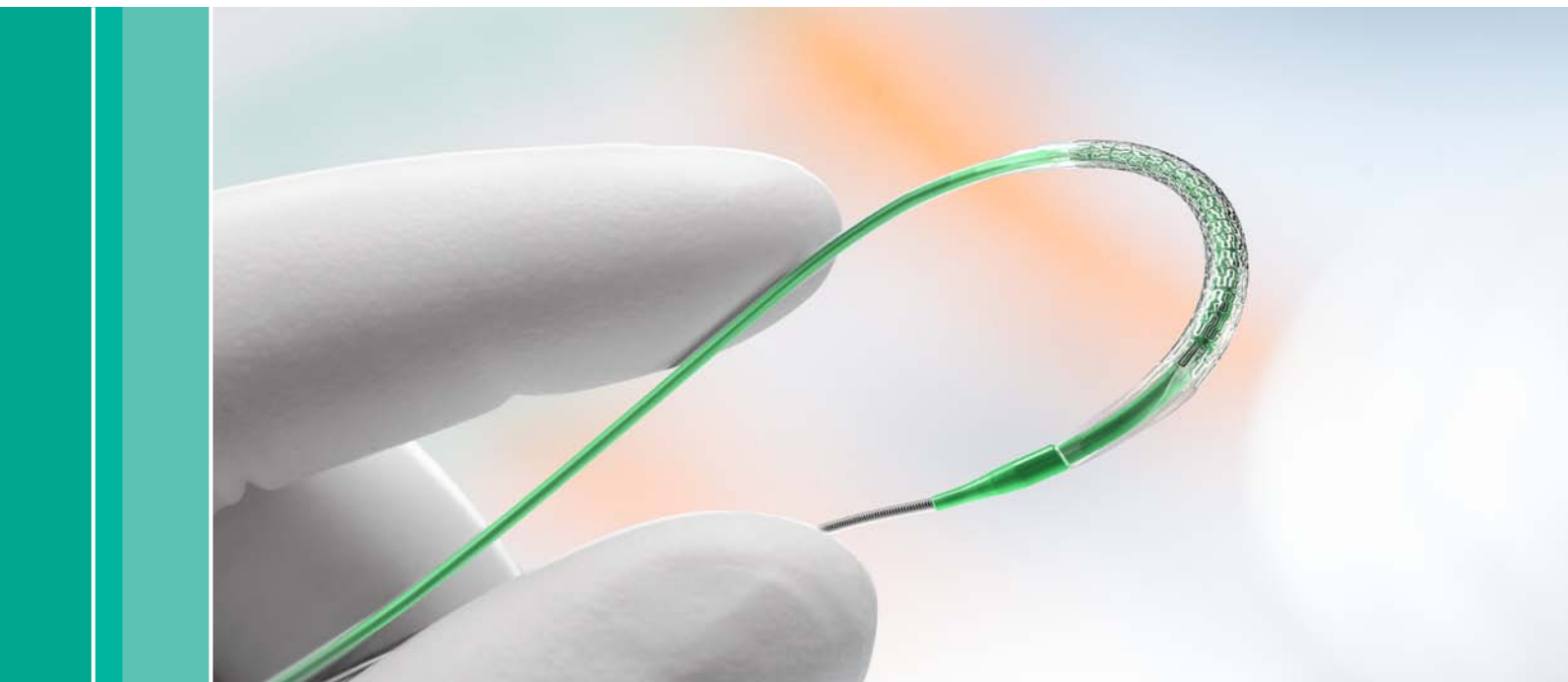


Coroflex[®] ISAR

Sirolimus Eluting Polymer-Free Coronary Stent System



Vascular Systems

Coroflex® ISAR

Polymer-Free Drug Coating

Polymer-Free

Bio-resorbable Drug Matrix - Low

Complete Drug Release

Sirolimus

- Established anti-inflammatory and anti-proliferative agent

Probucol

- Probucol mimics the function of a polymer by retarding the release of Sirolimus

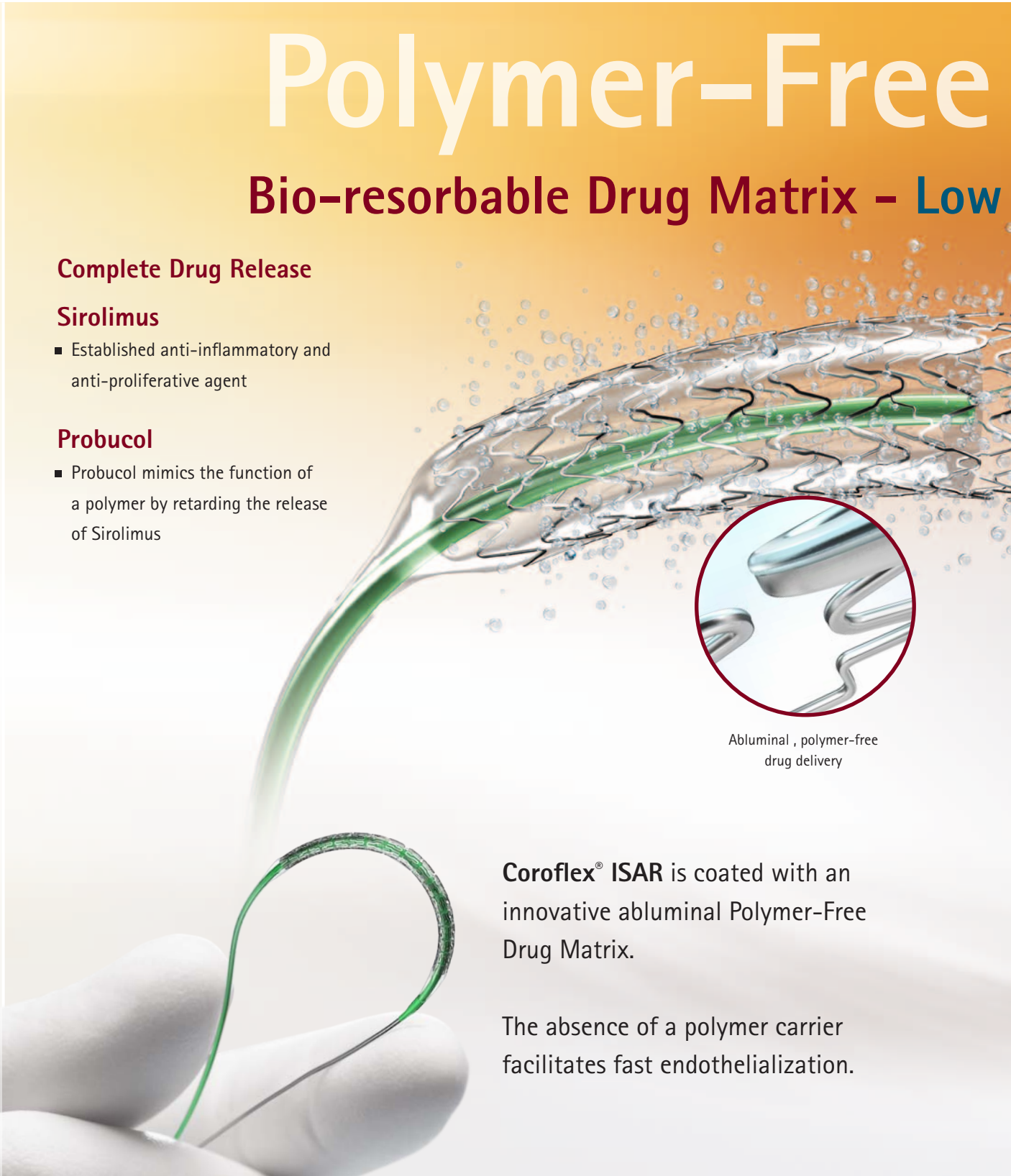


Abluminal , polymer-free drug delivery

Coroflex® ISAR is coated with an innovative abluminal Polymer-Free Drug Matrix.

The absence of a polymer carrier facilitates fast endothelialization.

Polymer-Free Coating

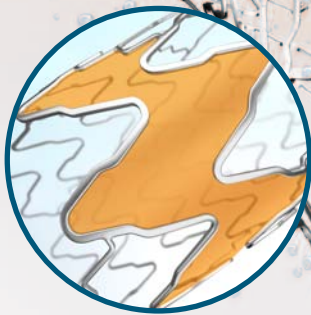


Coroflex® ISAR Next Generation DES

Drug Delivery Strut Thickness and Crossing Profile

High Stent Deliverability

- Leading crossing profile ≤ 0.93 mm
- Stent strut thickness of only $\leq 50/60$ μm
- Superior system flexibility through adaptive stent architecture



Coroflex® Blue Neo & Ultra stent architecture combines high radial strength, flexibility and needed vessel wall support

Coroflex® ISAR is based on the innovative technology of the B. Braun Coroflex® Blue Cobalt Chromium Stent Family.

Thin Cobalt-Chromium Stents

Coroflex[®] ISAR

Clinical Evidence – ISAR-TEST 2

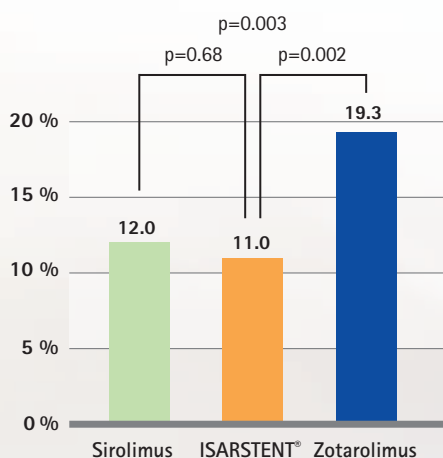
More than 4.000

ISAR-TEST 2

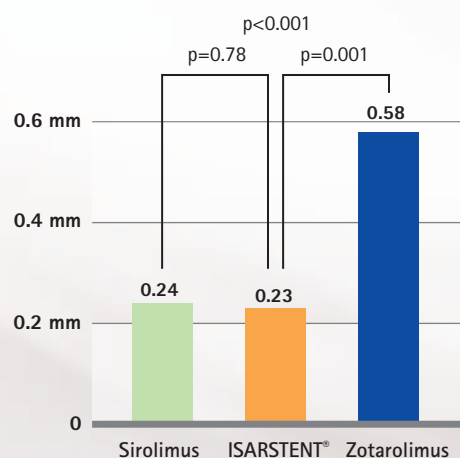
Clinical and Angiographic Outcomes from a Randomized Trial of Polymer-Free Dual Drug-Eluting Stents versus Polymer-Based DES¹

2 year follow-up of 1.007 patients comparing the ISARSTENT^{®2} to Sirolimus- and Zotarolimus-Eluting Stents.

Primary Endpoint
Binary restenosis rate



Secondary Endpoint
In-stent late lumen loss



Coroflex[®] ISAR Clinical Evidence

¹ Byrne RA, et al. 2-Year Clinical and Angiographic Outcomes From a Randomized Trial of Polymer-Free Dual Drug-Eluting Stents Versus Polymer-Based Cypher and Endeavor Drug-Eluting Stents. JACC. 2010 Jun 8;55(23):2536-43.

² ISARSTENT[®] is a trademark of the ARTIC GmbH, predicate stainless steel stent

Coroflex[®] ISAR

Clinical Evidence – ISAR-TEST 5

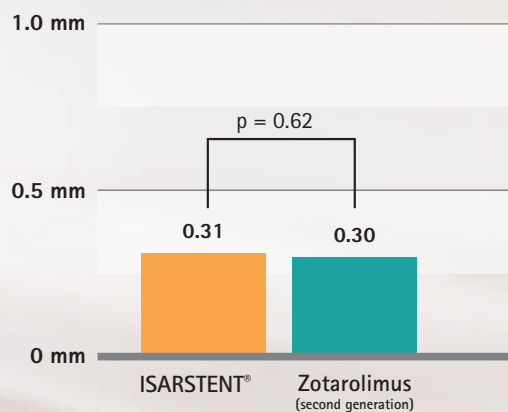
patients enrolled

ISAR-TEST 5

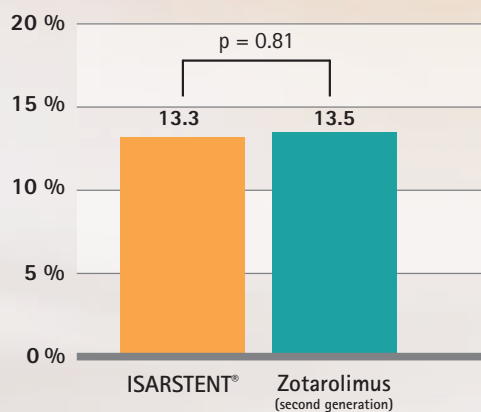
Randomized, Non-inferiority Trial of Rapamycin/
Probucol and Zotarolimus Eluting Stents³

6 to 8-month repeat angiogram of 3.002 patients
comparing the ISARSTENT^{®2} to the second generation
Zotarolimus Eluting Stent.

Angiographic Endpoints
In-stent late lumen loss



In-segment binary restenosis



Coroflex[®] ISAR Clinical Evidence

³ Massberg S, et al. Polymer-Free Sirolimus- and Probucol-Eluting Versus New Generation Zotarolimus-Eluting Stents in Coronary Artery Disease: The Intracoronary Stenting and Angiographic Results: Test Efficacy of Sirolimus- and Probucol-Eluting Versus Zotarolimus-Eluting Stents (ISAR-TEST 5) Trial. Circulation. 2011 Aug 2;124(5):624-32.

Coroflex® ISAR

Ordering Information

	Stent Diameter	Stent Length						
		8 / 9 mm	13 / 14 mm	16 mm	19 mm	24 mm	27 mm	32 mm
'Ultra' stent architecture	2.0 mm	5028700	5028710	5028720	5028730	5028740	5028764	5028765
	2.25 mm	5028701	5028711	5028721	5028731	5028741	5028750	5028766
	2.5 mm	5028702	5028712	5028722	5028732	5028742	5028751	5028760
'Neo' stent architecture	2.75 mm	5028703	5028713	5028723	5028733	5028743	5028767	5028768
	3.0 mm	5028704	5028714	5028724	5028734	5028744	5028752	5028761
	3.5 mm	5028705	5028715	5028725	5028735	5028745	5028753	5028762
	4.0 mm	5028706	5028716	5028726	5028736	5028746	5028754	5028763

Technical Data	
Coating technology	Abluminal, polymer-free coating
Proximal shaft	1.9 F
Distal shaft	2.5 F
Usable length	145 cm
Stent strut thickness	Ø 2.00 – 2.5 mm 50 µm 'Ultra' stent architecture Ø 2.75 – 4.0 mm 60 µm 'Neo' stent architecture
Stent length	Ø 2.00 – 2.5 mm: 9/14/16 – 32 mm 'Ultra' stent architecture Ø 2.75 – 4.0 mm: 8/13/16 – 32 mm 'Neo' stent architecture
Guiding catheter compatibility	5 F / "kissing balloon": 6 F
Guide wire compatibility	0.014" (0.36 mm)
Nominal Pressure (NP) Rated Burst Pressure (RBP)	10 atm 18 atm (Ø 4.0 mm 15 atm)
Crossing profile	0.031" – 0.037" (0.79 mm – 0.93 mm)
Lesion entry profile	0.016" (0.41 mm)

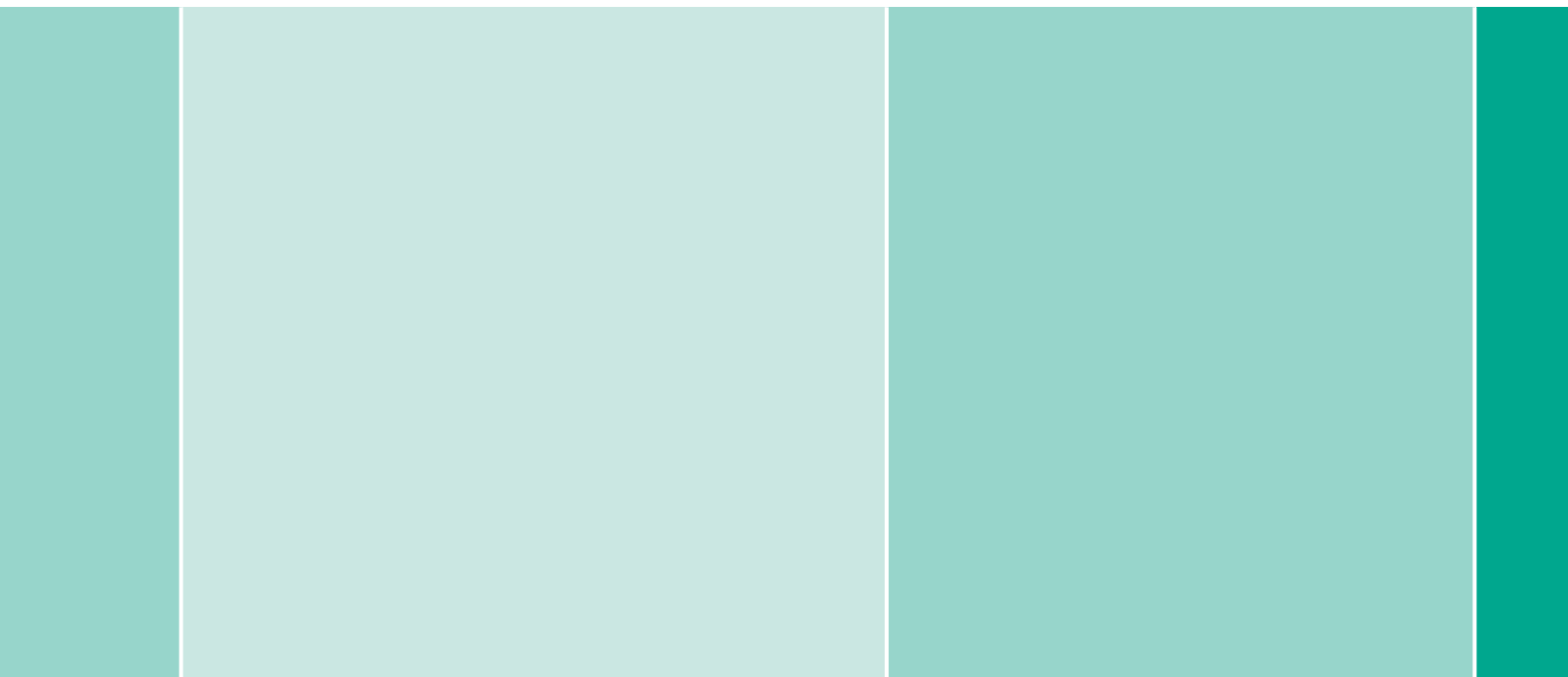
B. Braun Vascular Systems Solution Oriented Angioplasty

Individualised therapy for various indications

Coroflex® Blue Neo & Ultra
Ultra Low Strut Thickness for Outstanding Performance

Coroflex® ISAR
Stent based Polymer-Free Drug Delivery

The Innovative Alternative to Stenting
SeQuent® Please



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