

iVascular[®]
therapies for living

restorer

Peripheral stent system



Reach, cross
and deploy



www.ivascular.global

outstanding deliverability

Based on the successful oceanus 35 balloon platform, **restorer** delivers 1st class performance with:

- High pushability
- Fastest balloon deflation

Enhanced trackability due to **restorer**'s unique, flexible strut design featuring:

- Short cells with nested peaks
- Helicoidal linkage system

The low profile design of **restorer** ensures increased crossability in difficult lesions.



Lower Restenosis

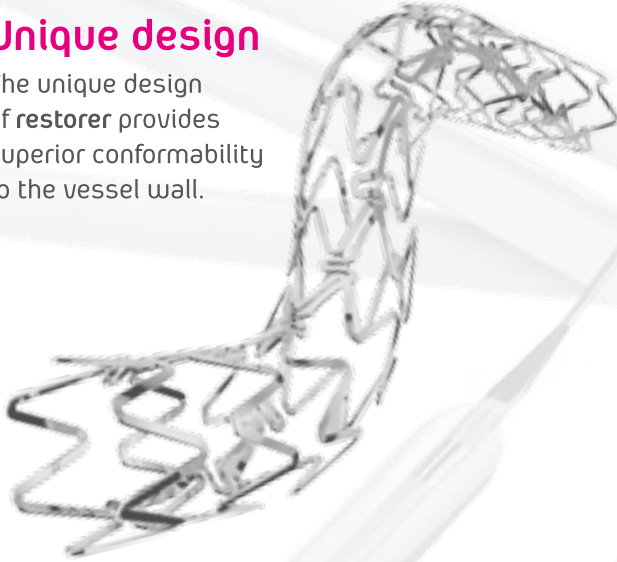
Utilizing an advanced manufacturing process, **restorer** is designed to minimize the potential for restenosis.

- Optimized metal content for maximum performance.
- Ultrasmooth electropolished surface.
- NanoGradient Tech passivation layer for enhanced corrosion resistance and biocompatibility.

extraordinary radial force with less amount of metal

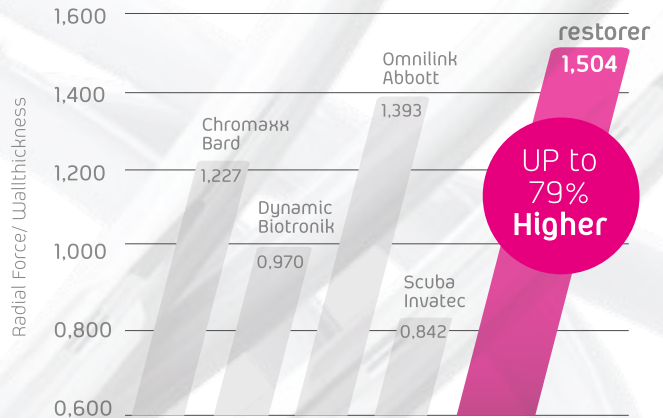
Unique design

The unique design of **restorer** provides superior conformability to the vessel wall.



restorer demonstrates excellent vessel support

Ratio Radial Force / Wallthickness

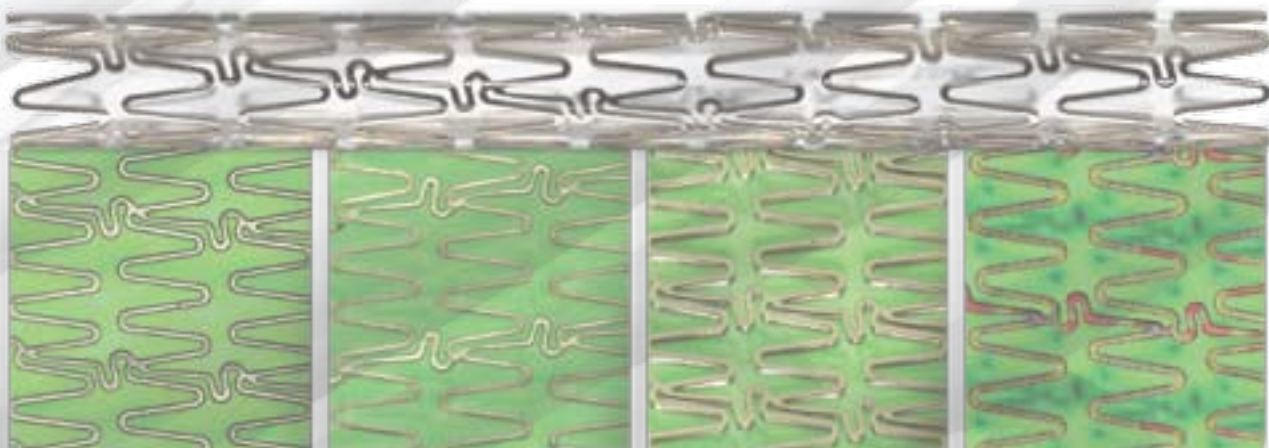


Data for 6mm diameter stents. Tests performed by iVascular. Data on file at iVascular.



New stent quality standard

100% OF **UNITS** | 100% OF **SURFACE**



Outer surface

Inner surface

Sidewalls

SensoINSPECT algorithm

Imaging



Screenshot



Unrolled FOV



Unrolled section

3D Modes



Surface topography



Surface roughness

5x

10x

20x



High-resolution imaging

restorer - Peripheral stent system

restorer features

- > **Over the wire catheter (OTW)**
- > Usable catheter length: **80 cm & 140 cm**
- > Guidewire compatibility: **0,035"**
- > **Tip Profile: 0,036"**
- > **6F introducer** compatible
- > Material **CoCr L605**
- > Nominal pressure: **10-12 atm**
- > RBP: **16 atm** (Ø 5-6-7 mm stents)
15 atm (Ø 8 mm stents)
14 atm (Ø 9-10 mm stents)
- > Recoil: < **6%**
- > Shortening: < **3%**

Product with CE mark, certified by Notified Body 0318

Stent diameter (mm)	Catheter length: 80 cm			
	Stent length (mm)			
	18	28	38	58
5	SPC BC35 080 050 018	SPC BC35 080 050 028	SPC BC35 080 050 038	SPC BC35 080 050 058
6	SPC BC35 080 060 018	SPC BC35 080 060 028	SPC BC35 080 060 038	SPC BC35 080 060 058
7	SPC BC35 080 070 018	SPC BC35 080 070 028	SPC BC35 080 070 038	SPC BC35 080 070 058
8	SPC BC35 080 080 018	SPC BC35 080 080 028	SPC BC35 080 080 038	SPC BC35 080 080 058
9	SPC BC35 080 090 018	SPC BC35 080 090 028	SPC BC35 080 090 038	SPC BC35 080 090 058
10	SPC BC35 080 100 018	SPC BC35 080 100 028	SPC BC35 080 100 038	SPC BC35 080 100 058

Stent diameter (mm)	Catheter length: 140 cm			
	Stent length (mm)			
	18	28	38	58
5	SPC BC35 140 050 018	SPC BC35 140 050 028	SPC BC35 140 050 038	SPC BC35 140 050 058
6	SPC BC35 140 060 018	SPC BC35 140 060 028	SPC BC35 140 060 038	SPC BC35 140 060 058
7	SPC BC35 140 070 018	SPC BC35 140 070 028	SPC BC35 140 070 038	SPC BC35 140 070 058
8	SPC BC35 140 080 018	SPC BC35 140 080 028	SPC BC35 140 080 038	SPC BC35 140 080 058
9	SPC BC35 140 090 018	SPC BC35 140 090 028	SPC BC35 140 090 038	SPC BC35 140 090 058
10	SPC BC35 140 100 018	SPC BC35 140 100 028	SPC BC35 140 100 038	SPC BC35 140 100 058

- Introducer compatibility: **6F**
- Introducer compatibility: **6F (min 2.15 mm)**
- Introducer compatibility: **6F (min 2.20 mm)**

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