

COGENT™ BMS Rx TECHNICAL SPECIFICATIONS

STENT

Stent Material	: Cobalt Chromium L605
Strut Thickness	: 120 µm (0.120 mm)
Stent Diameters (mm)	: 5.00, 6.00, 7.00
Stent Lengths (mm)	: 12, 15, 18
Mean Recoil	: <4%
Mean Foreshortening	: ≤1%

DELIVERY SYSTEM

Delivery System	: Rapid Exchange (Rx.)
Usable Catheter Length	: 150 cm
Nominal Pressure	: 9 atm
Rated Burst Pressure	: 13 / 14 atm depending upon diameters and length of stent
Radiopaque Markers	: 2-Platinum / Iridium
Proximal Shaft Diameter	: 2.2F
Distal Shaft Diameters	: 3.2F
Guidewire Compatibility	: 0.014"(0.36 mm)
Recommended Minimum Sheath/ Introducer	: 5 F
Guide Catheters Compatibility	: 6 F (I.D = 0.070" or 1.8 mm)

COGENT™ BMS ORDERING INFORMATION

Usable Shaft Length (Rx) - 1500 mm			
Diameter/Length	12 mm	15 mm	18 mm
5 mm	CGB05012B	CGB05015B	CGB05018B
6 mm	CGB06012B	CGB06015B	CGB06018B
7 mm	CGB07012B	CGB07015B	CGB07018B

Meril's Global Presence

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More to Life

Cogent™ BMS
Balloon Expandable Renal Stent System



CGB/BROCHURE/006/20201229/GLOBAL

CE
2460

Cogent™ BMS
Balloon Expandable Renal Stent System

CE



Harness the *Power of HYBRID*

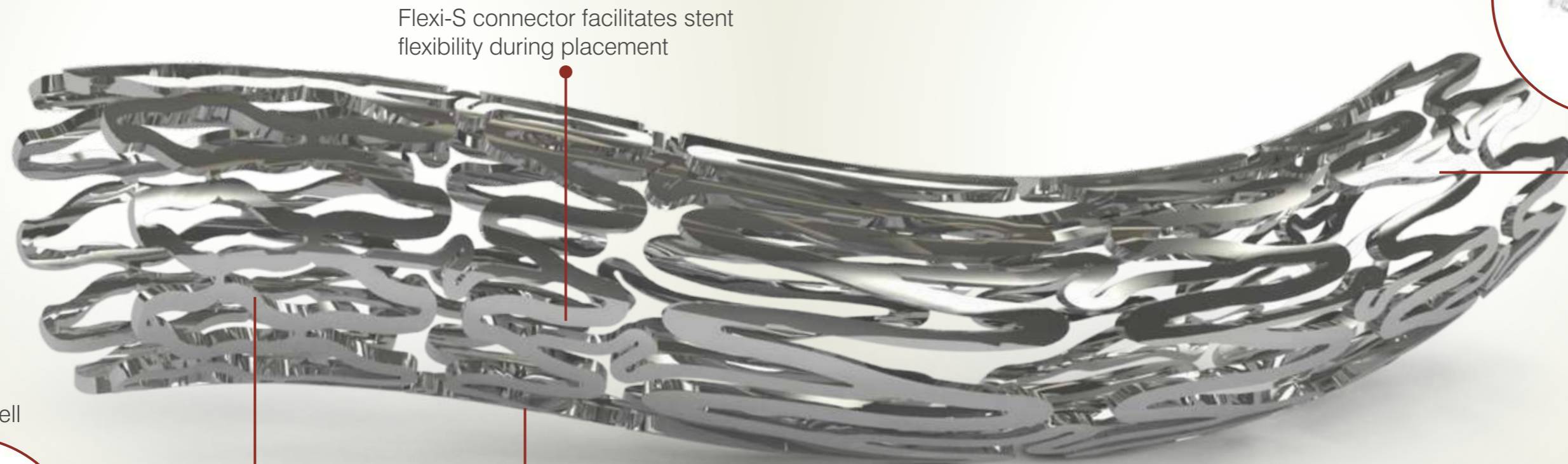
Hybrid Stent Architecture

Hybrid cell design comprises of an Intelligent mix of Open and Closed Cells design

- Closed cell at Proximal end offers Ostial Scaffolding strength and Post-Deployment flaring for optimal wall apposition
- Open cell at distal end offers stent conformability

Low Strut Thickness

- Co-Cr offers optimum radial strength with lower strut thickness (120 μm) compared to SS material
- Propensity to minimise vascular injury.



Flexi-S connector facilitates stent flexibility during placement

Open Cell



Closed Cell



Latest Generation Alloy

- The latest generation cobalt-chromium alloy L605 imparts outstanding radial strength and visibility
- Minimal foreshortening of $\leq 1\%$ for accuracy of placement

Access & Deliverability

- Low tip entry profile due to Laser binding improve tracking
- Short balloon overhang to facilitate access and crossing
- Multi approach (femoral, axillary, brachial or radial) with 5F sheath or 6F guide catheter