

BIOMIME™ TECHNICAL SPECIFICATIONS

STENT

Stent Material	: Cobalt Chromium L605
Strut Thickness	: 65 µm (0.065mm or 0.0026")
Stent Diameters (mm)	: 2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50
Stent Lengths (mm)	: 8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48
Mean Recoil	: 3%
Mean foreshortening	: 0.29%

DRUG / POLYMER

Drug	: Sirolimus
Equivalent Drug Dose	: 1.25 µg/mm ²
Polymer	: BioPoly™ (Biodegradable + Biocompatible)

DELIVERY SYSTEM

Delivery System	: Rapid Exchange
Stent Diameter	: Crossing Profile
mm	mm / inches
2.00	0.83 mm / 0.033"
2.25	0.85 mm / 0.033"
2.50	0.91 mm / 0.036"
2.75	0.98 mm / 0.039"
3.00	0.99 mm / 0.039"
3.50	1.06 mm / 0.042"
4.00	1.16 mm / 0.046"
4.50	1.19 mm / 0.047"
Nominal Pressure	: 9 ATM
Rated Burst Pressure	: 14/16 ATM depending upon size and length of stent (Refer IFU for more details)
Balloon overhang	: < 0.5 mm
Shaft outer diameter	: Proximal 1.95-1.98 F (2.13 F for stent length 44mm, 48mm) Distal 2.7 F (2.4 F for diameter 2.00 mm)

BIOMIME™ STENT ORDERING INFORMATION

Dia / Length	8mm	13mm	16mm	19mm	24mm	29mm
2.00mm	-	BIO20013	BIO20016	BIO20019	BIO20024	-
2.25mm	BIO22508	BIO22513	BIO22516	BIO22519	BIO22524	BIO22529
2.50mm	BIO25008	BIO25013	BIO25016	BIO25019	BIO25024	BIO25029
2.75mm	BIO27508	BIO27513	BIO27516	BIO27519	BIO27524	BIO27529
3.00mm	BIO30008	BIO30013	BIO30016	BIO30019	BIO30024	BIO30029
3.50mm	BIO35008	BIO35013	BIO35016	BIO35019	BIO35024	BIO35029
4.00mm	BIO40008	BIO40013	BIO40016	BIO40019	BIO40024	BIO40029
4.50mm	BIO45008	BIO45013	BIO45016	BIO45019	BIO45024	BIO45029
Dia / Length	32mm	37mm	40mm	44mm	48mm	
2.00mm	-	-	-	-	-	
2.25mm	BIO22532	BIO22537	BIO22540	-	-	
2.50mm	BIO25032	BIO25037	BIO25040	BIO25044	BIO25048	
2.75mm	BIO27532	BIO27537	BIO27540	BIO27544	BIO27548	
3.00mm	BIO30032	BIO30037	BIO30040	BIO30044	BIO30048	
3.50mm	BIO35032	BIO35037	BIO35040	BIO35044	BIO35048	
4.00mm	BIO40032	BIO40037	BIO40040	-	-	
4.50mm	BIO45032	BIO45037	BIO45040	-	-	



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BIO/BROCHURE/006/MLS/20130625/IND

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Sirolimus Eluting Coronary Stent System

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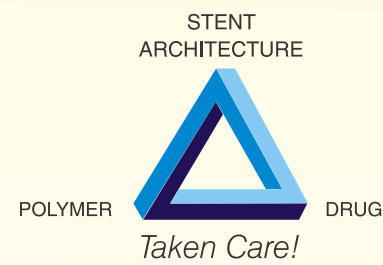
biomime™

Sirolimus Eluting Coronary Stent System

Mimes so well, you can't tell.



In BioMime™, the polarized triad of DES design is taken care of!



Superior DES Design Substantiated by Sound Clinical Performance

merit-I Primary Safety and Efficacy Trial

N = 30. Single de-novo lesions, stent diameters 2.50 - 3.50 mm, stent lengths 13 - 24 mm

Primary Demographics – Treatment Influencing Factors

Diabetics 30%; Hypertensives 53%; Smokers 23%; Acute Coronary Syndrome 70%

Long Term Results – 2 years

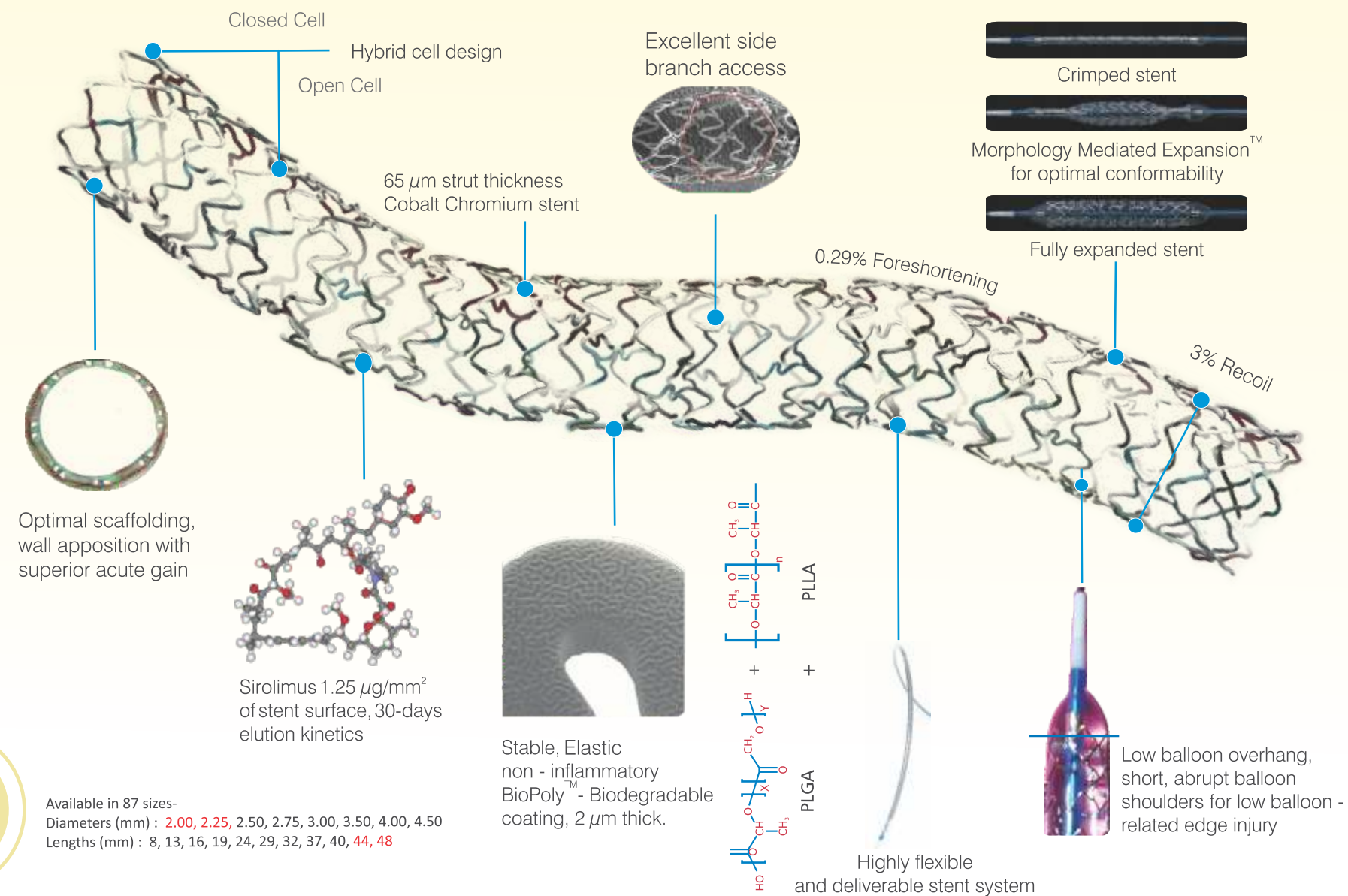
High Safety

- 0% MACE
- No Deaths, MIs or Revascularizations.
- No Stent Thrombosis.

High Efficacy

- 0.15 mm in-stent late lumen loss
- 0% binary restenosis at 8 months QCA

Ref. Data on file with Meril Life Sciences.



Now available in
 Ø 2.00 & 2.25
 &
 1.44 & 48 mm

Available in 87 sizes-
 Diameters (mm) : 2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50
 Lengths (mm) : 8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48

BioMime™ – Sirolimus Eluting Coronary Stent System is available in Europe, Russia, South America, Africa, Middle East & South East Asia.