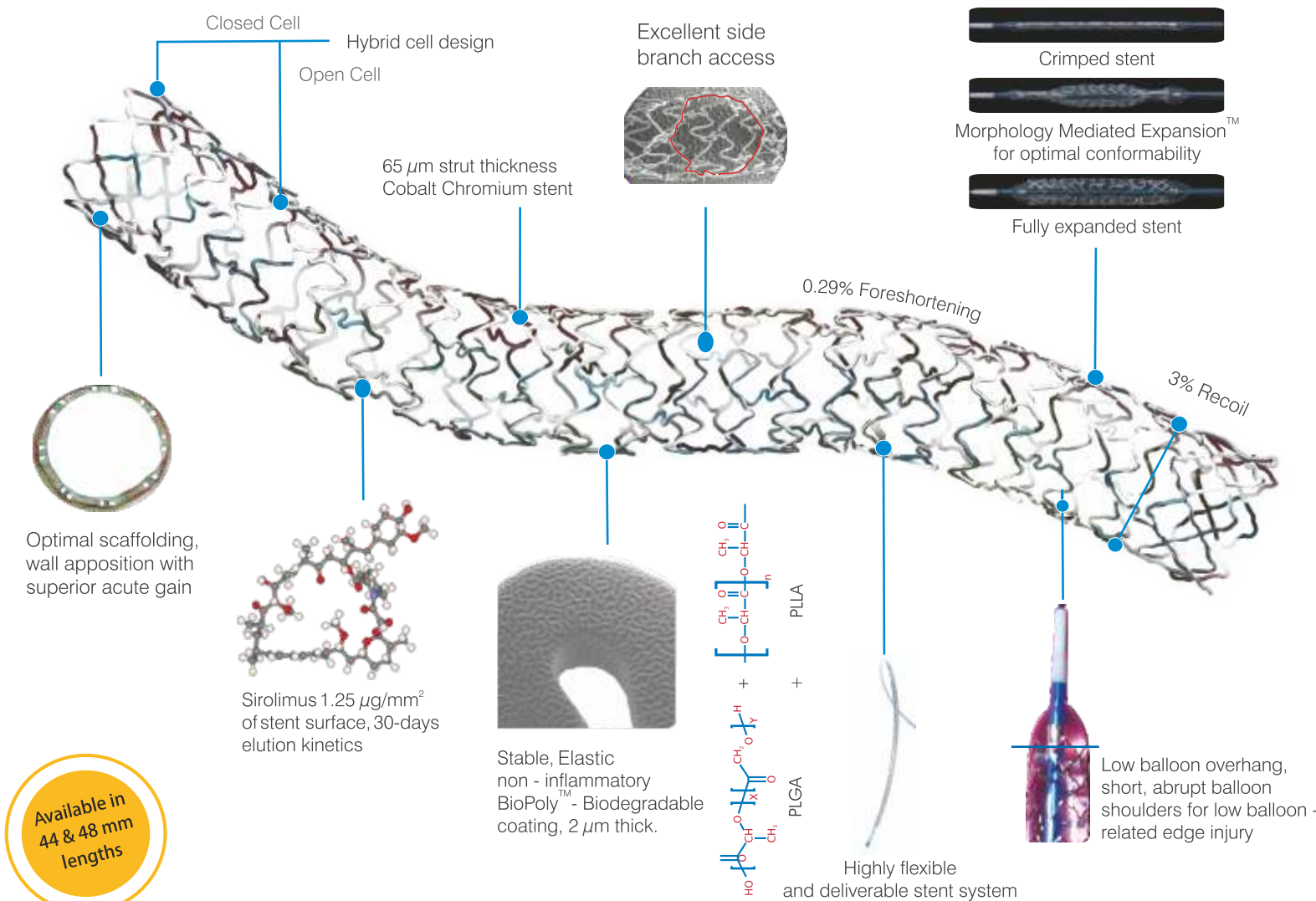




Cardiovascular

# biomime aura™ Sirolimus Eluting Coronary Stent System



Available in 44 & 48 mm lengths

Available in 75 sizes:  
Diameter: 2.00, 2.25, 2.75, 3.00, 3.50, 4.00, 4.50  
Lengths: 8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48

## BIOMIMEaura™ 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<sup>2</sup>  
 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 : 16 ATM  
 (14 ATM for Diameters 2.50 mm, 2.75 mm, 3.00 mm with lengths 44 mm and 48 mm; Diameter 3.50 mm with lengths 37 mm, 40 mm, 44 mm and 48 mm; Diameter 4.00 mm with lengths 32 mm, 37 mm and 40 mm; Diameter 4.50 mm with all lengths available)

Balloon overhang : < 0.5 mm  
 Shaft outer diameter : Proximal 1.95 F / Distal 2.7 F  
 Radiopaque markers : 2 – Platinum / Iridium  
 Usable Catheter length : 140 cms  
 Guide Catheter Compatibility : 5 F (Min. I. D. 0.056" / 1.42 mm)  
 Max. Guide Wire : 0.014" (0.36 mm)

## BIOMIMEaura™ STENT ORDERING INFORMATION

Dia / Length	8mm	13mm	16mm	19mm	24mm
2.00mm	-----	BIA20013	BIA20016	BIA20019	BIA20024
2.25mm	BIA22508	BIA22513	BIA22516	BIA22519	BIA22524
2.50mm	BIA25008	BIA25013	BIA25016	BIA25019	BIA25024
2.75mm	BIA27508	BIA27513	BIA27516	BIA27519	BIA27524
3.00mm	BIA30008	BIA30013	BIA30016	BIA30019	BIA30024
3.50mm	BIA35008	BIA35013	BIA35016	BIA35019	BIA35024
4.00mm	BIA40008	BIA40013	BIA40016	BIA40019	BIA40024
4.50mm	BIA45008	BIA45013	BIA45016	BIA45019	BIA45024

Dia / Length	29mm	32mm	37mm	40mm	44mm	48mm
2.00mm	-----	-----	-----	-----	-----	-----
2.25mm	BIA22529	BIA22532	BIA22537	BIA22540	-----	-----
2.50mm	BIA25029	BIA25032	BIA25037	BIA25040	BIA25044	BIA25048
2.75mm	BIA27529	BIA27532	BIA27537	BIA27540	BIA27544	BIA27548
3.00mm	BIA30029	BIA30032	BIA30037	BIA30040	BIA30044	BIA30048
3.50mm	BIA35029	BIA35032	BIA35037	BIA35040	BIA35044	BIA35048
4.00mm	BIA40029	BIA40032	BIA40037	BIA40040	-----	-----
4.50mm	BIA45029	BIA45032	BIA45037	BIA45040	-----	-----

Available in 44 & 48 mm lengths

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More to Life

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BioMime aura™ is a registered trademark of Meril life Sciences Pvt. Ltd.  
\* under regulatory approval



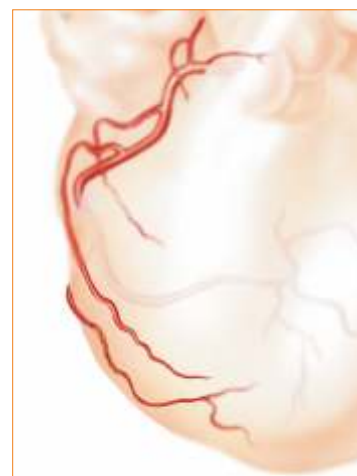
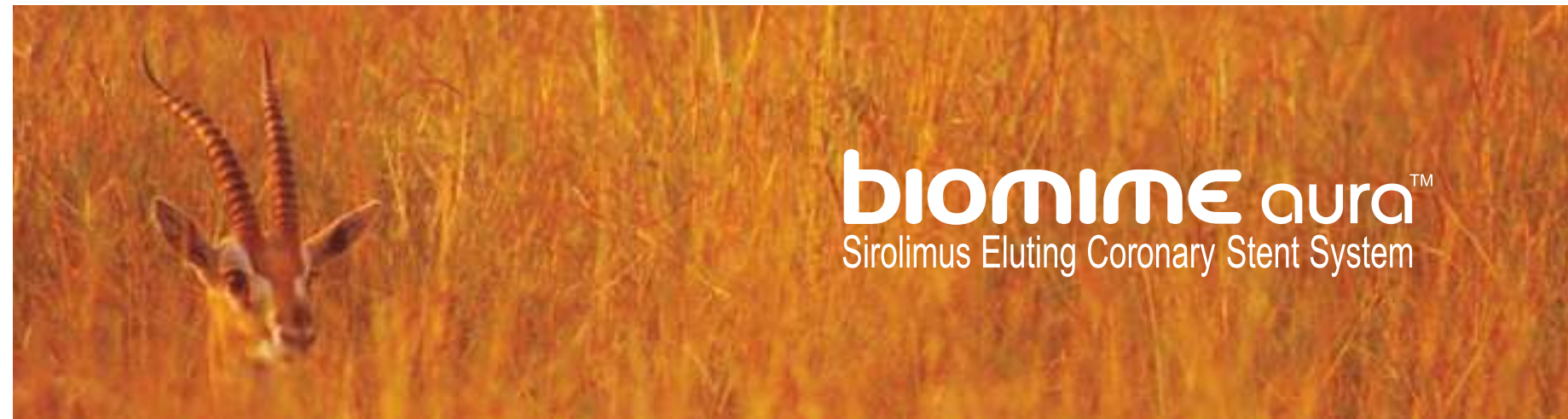
More to Life

Where research becomes the basis of discovering newer ways of alleviating human suffering and empowering an individual with good health.



biomime aura™  
Sirolimus Eluting Coronary Stent System





Enhanced delivery system for better Trackability, Pushability and Torqueability



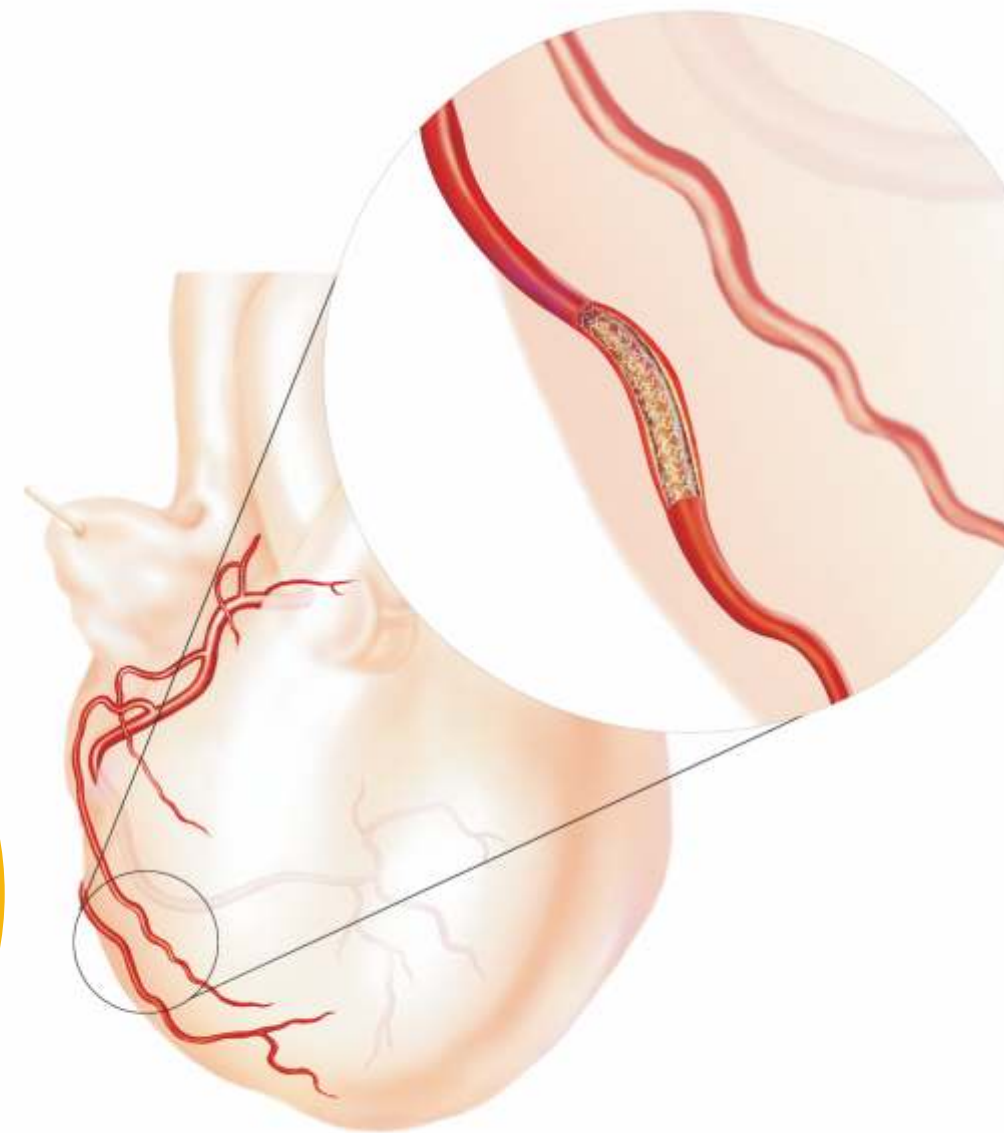
Ultra-low strut thickness 65µm with unique hybrid cell design

	Stent Diameter	Crossing Profile
New sizes with best in class crossing profile	2.00	0.033"
	2.25	0.033"

### MeriStem™

Novel shaft material for increased strength and kink resistance

**Novel Drug Release Platform:**  
 Biomime Aura DES uses a validated formulation of low dose sirolimus (1.25 µg/mm<sup>2</sup>) timed to elute in ~30 days from a biodegradable polymer base which degrades simultaneously

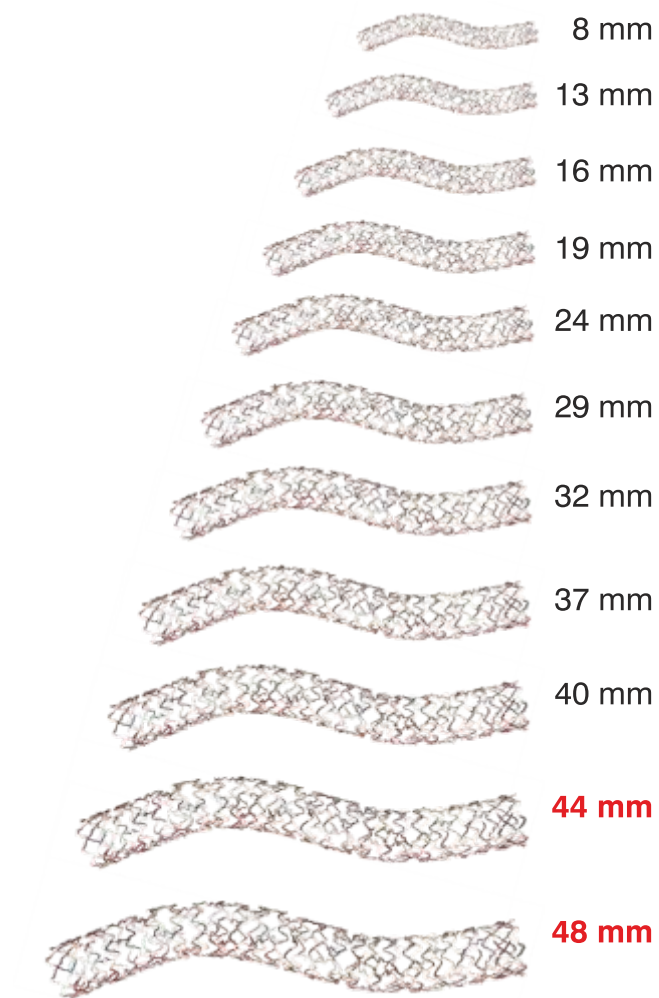


### FeatherGlide™

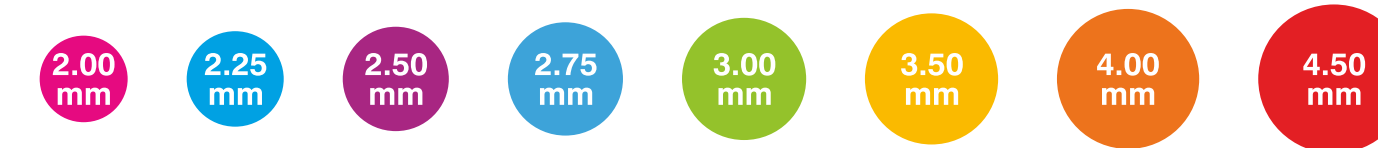
- Seamless catheter construction technology allows for exceptionally low tracking forces of 0.35N
- Construction which generates high push transfer capability and reducing the push forces to less than 0.08N

### Unmet Clinical Need

- Large diabetic population with small vessels and diffused disease
- A dedicated small diameter, long DES
- One and done. Allows cost reduction



Available in **44** mm & **48** mm Lengths



Creative, colour coded spine labeling for easy retrieval from shelves