

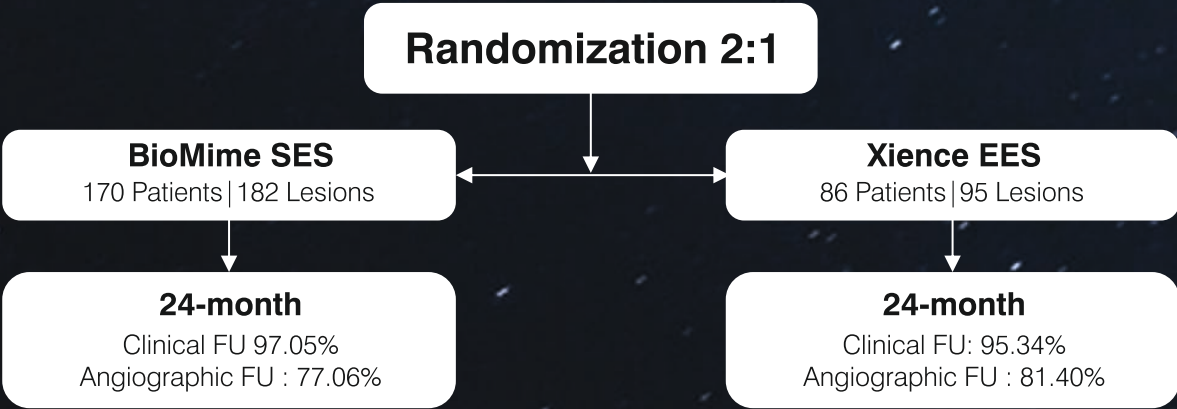
meriT Trials:
Consistent clinical safety & efficacy in more than 1650 patients up to 5 years.

meriT-I	meriT-II	meriT-III
•Single center, FIM •30 Patients(30Lesions) •8-month angiographic FU •2-year clinical FU Key results (1-yr. n=28) ▲ B2/C: 76.7% ▲ MACE: 0% ▲ TLR: 0% ▲ ST: 0% 1-year: Dani S, Costa RA, Joshi H, et al. EuroIntervention 2013;9:493-500	•Multicenter (11 centers) •250 patients(355 lesion) •8-month angiographic FU •5-year clinical FU Key results (1-yr. n=214) ▲ B2/C: 63.4% ▲ MACE: 8.9% ▲ TLR: 6.1% ▲ ST: 0.5% 1-year: Seth A, Costa RA, Kaul U, et al. Asialntervention 2016;2:19-27	•Multicenter (15 centers) •1161 patients(1312 lesions) •Real-world registry •1-year clinical FU Key results (1-yr.) ▲ 41.1% diabetics ▲ 52.5 % hypertensive ▲ MACE: 2.35% ▲ TLR: 0.5% ▲ ST: 0.1% 1-year: Jain RK, Chakravarthi P, Shetty R, et al. Indian Heart J 2016;68:599–603

meriT-V RCT
Non-Inferiority of BioMime Lineage SES versus XIENCE EES Proven

Prospective | Randomized | Multicenter Trial

12 sites in Europe (Netherlands, Belgium, UK, Spain, Latvia, Macedonia, Czech Republic & Poland) and 3 sites in Brazil



Clinical Outcomes	24-month (n=247)	
	Biomime Lineage SES (n=165)	XIENCE SES (n=82)
MACE	7.88%	9.76%
Cardiac Death	0	0
MI	3 (1.81%)	5 (6.09%)
ID-TLR	10 (6.06%)	3 (3.65%)
ID- TVR (non-TLR)	4 (2.42%)	2 (2.43%)
Stent Thrombosis	0	1 (1.22%)

Source : Abizaid AA, Kedev S, Kedhi E, et al. Eurontervention. 2018; 14 : 21207-e14.

Biomime Lineage™ TECHNICAL SPECIFICATIONS

STENT																			
Stent Material	: Cobalt Chromium (L605)																		
Strut Thickness	: 65µm (0.065mm or 0.026")																		
Stent Diameter (mm)	: 2.00, 2.25, 2.50, 2., 75, 3.00, 3.50, 4.00, 4.50																		
Stent Length (mm)	: 8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48																		
Mean Recoil	: ≤4.0%																		
Mean Foreshortening	: ≤1.0%																		
DRUG/POLYMER																			
Drug	: Sirolimus																		
Equivalent Drug Dose	: 1.25 µg/ mm ²																		
Polymer	: Biodegradable & Biocompatible (PLLA + PLGA)																		
DELIVERY SYSTEM																			
Delivery System	: Rapid Exchange																		
Nominal Pressure	: 9 atm (Refer IFU)																		
Rated Burst Pressure	: Rated Burst Pressure: 14/16 atm*																		
*RBP 14 atm for 4.50 mm diameter, all lengths.																			
*RBP 14 atm for all diameter with length >40mm. (Refer IFU for more details)																			
Balloon Overhang	: ≤ 0.5 mm																		
Shaft Outer Diameter	: Proximal: 2.13 F Distal: 2.7 F (Refer IFU for more details)																		
Radiopaque Markers	: Two Platinum / Iridium Markers																		
Usable Catheter Length	: 142 cm (Refer IFU for more details)																		
Guide Catheter Compatibility	: 5F (Min. I. D. 0.056" / 1.42 mm)																		
Crossing Profile																			
	<table><tr><td>Stent Diameter</td><td>Crossing Profile</td></tr><tr><td>2.00 mm</td><td>0.83mm/0.033"</td></tr><tr><td>2.25 mm</td><td>0.85mm/0.033"</td></tr><tr><td>2.50 mm</td><td>0.91mm/0.036"</td></tr><tr><td>2.75 mm</td><td>0.98mm/0.039"</td></tr><tr><td>3.00 mm</td><td>0.99mm/0.039"</td></tr><tr><td>3.50 mm</td><td>1.06mm/0.042"</td></tr><tr><td>4.00 mm</td><td>1.16mm/0.046"</td></tr><tr><td>4.50 mm</td><td>1.19mm/0.047"</td></tr></table>	Stent Diameter	Crossing Profile	2.00 mm	0.83mm/0.033"	2.25 mm	0.85mm/0.033"	2.50 mm	0.91mm/0.036"	2.75 mm	0.98mm/0.039"	3.00 mm	0.99mm/0.039"	3.50 mm	1.06mm/0.042"	4.00 mm	1.16mm/0.046"	4.50 mm	1.19mm/0.047"
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Max. Guidewire	: 0.014" (0.36)																		

Biomime Lineage™

ORDERING INFORMATION

Dia/Length	8 mm	13 mm	16 mm	19 mm	24 mm	29 mm
2.00 mm	-	BIL20013	BIL20016	BIL20019	BIL20024	BIL20029
2.25 mm	BIL22508	BIL22513	BIL22516	BIL22519	BIL22524	BIL22529
2.50 mm	BIL25008	BIL25013	BIL25016	BIL25019	BIL25024	BIL25029
2.75 mm	BIL27508	BIL27513	BIL27516	BIL27519	BIL27524	BIL27529
3.00 mm	BIL30008	BIL30013	BIL30016	BIL30019	BIL30024	BIL30029
3.50 mm	BIL35008	BIL35013	BIL35016	BIL35019	BIL35024	BIL35029
4.00 mm	BIL40008	BIL40013	BIL40016	BIL40019	BIL40024	BIL40029
4.50 mm	BIL45008	BIL45013	BIL45016	BIL45019	BIL45024	BIL45029
Dia/Length	32 mm	37 mm	40 mm	44 mm	48 mm	
2.00 mm	BIL20032	BIL20037	BIL20040	BIL20044	BIL20048	
2.25 mm	BIL22532	BIL22537	BIL22540	BIL22544	BIL22548	
2.50 mm	BIL25032	BIL25037	BIL25040	BIL25044	BIL25048	
2.75 mm	BIL27532	BIL27537	BIL27540	BIL27544	BIL27548	
3.00 mm	BIL30032	BIL30037	BIL30040	BIL30044	BIL30048	
3.50 mm	BIL35032	BIL35037	BIL35040	BIL35044	BIL35048	
4.00 mm	BIL40032	BIL40037	BIL40040	BIL40044	BIL40048	
4.50 mm	BIL45032	BIL45037	BIL45040	BIL45044	BIL45048	

Contact your country local Meril sales representative for availability of sizes highlighted in Yellow

Biomime Lineage™ is a registered trademark of Meril Life Sciences Pvt. Ltd.

Meril

More to Life

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Meril

biomime
Lineage™

Sirolimus Eluting Coronary Stent System

Delivered As Desired



CE

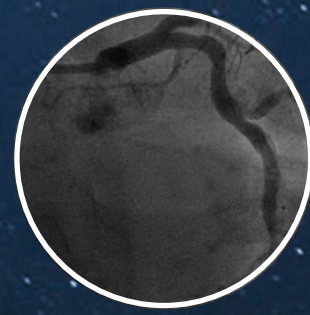
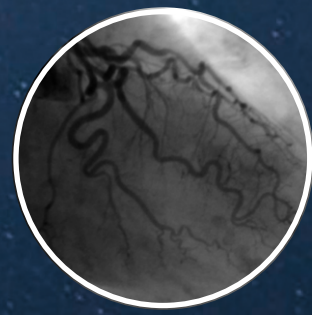
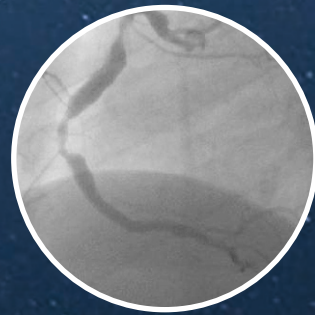
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BIO-UBROCHURE/004/MLS/2024/0527/GLOBAL

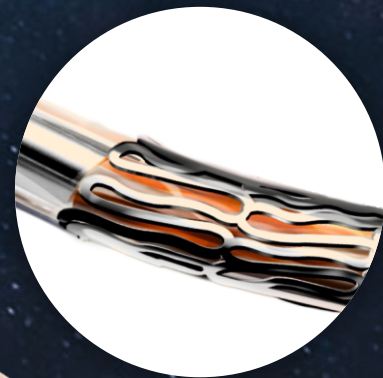
biomime Lineage™

Sirolimus Eluting Coronary Stent System

With BioMime Lineage™, now complex lesions can be treated with ease.
Achieves acute procedural success with proven long term clinical safety and efficacy.



Hybrid cell design comprising of an intelligent mix of open and close cells resulting in excellent radial strength with a high flexibility



0.016" Tip Entry Profile



Elongated distal tip: 7.00 ± 0.5 mm

Reinforced hypo tube for improved hub-to-tip force transfer

New Monolithic Delivery System for enhanced pushability and excellent kink resistance

Proven BioMime Lineage Stent Design

- 65µm Strut Thickness for All Sizes
- Biodegradable Polymer Coating
- Sirolimus Drug Elution ($1.25\mu\text{g}/\text{mm}^2$)
- Morphology Mediated Expansion

