

Evermine50™ TECHNICAL SPECIFICATIONS

STENT

Stent Material	: Cobalt Chromium L605
Strut Thickness	: 50 µm
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

DRUG/POLYMER

Drug	: Everolimus
Equivalent Drug Dose	: 1.25 µg / mm²
Polymer	: Biodegradable and Biocompatible

DELIVERY SYSTEM

Delivery System	: Rapid Exchange
Nominal Pressure	: 8 atm
Rated Burst Pressure	: 14 / 16 atm depending upon the size and length of the stent (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	: 2 - Platinum / Iridium
Usable Catheter Length	: 142 cm
Guide Catheter Compatibility	: 5 F (Min. I. D. 0.056" / 1.42 mm)
Lesion Entry Profile	: 0.016"
Crossing Profile	: 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"
Max. Guide Wire	: 0.014" (0.36 mm)

Evermine50™ ORDERING INFORMATION

Dia / Length	8 mm	13 mm	16 mm	19 mm	24 mm	29 mm
2.00 mm	-	EVF20013	EVF20016	EVF20019	EVF20024	EVF20029
2.25 mm	EVF22508	EVF22513	EVF22516	EVF22519	EVF22524	EVF22529
2.50 mm	EVF25008	EVF25013	EVF25016	EVF25019	EVF25024	EVF25029
2.75 mm	EVF27508	EVF27513	EVF27516	EVF27519	EVF27524	EVF27529
3.00 mm	EVF30008	EVF30013	EVF30016	EVF30019	EVF30024	EVF30029
3.50 mm	EVF35008	EVF35013	EVF35016	EVF35019	EVF35024	EVF35029
4.00 mm	EVF40008	EVF40013	EVF40016	EVF40019	EVF40024	EVF40029
4.50 mm	EVF45008	EVF45013	EVF45016	EVF45019	EVF45024	EVF45029

Dia / Length	32mm	37 mm	40 mm	44 mm	48 mm
2.00 mm	EVF20032	EVF20037	EVF20040	EVF20044	EVF20048
2.25 mm	EVF22532	EVF22537	EVF22540	EVF22544	EVF22548
2.50 mm	EVF25032	EVF25037	EVF25040	EVF25044	EVF25048
2.75 mm	EVF27532	EVF27537	EVF27540	EVF27544	EVF27548
3.00 mm	EVF30032	EVF30037	EVF30040	EVF30044	EVF30048
3.50 mm	EVF35032	EVF35037	EVF35040	EVF35044	EVF35048
4.00 mm	EVF40032	EVF40037	EVF40040	EVF40044	EVF40048
4.50 mm	EVF45032	EVF45037	EVF45040	EVF45044	EVF45048

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

Meril

More to Life

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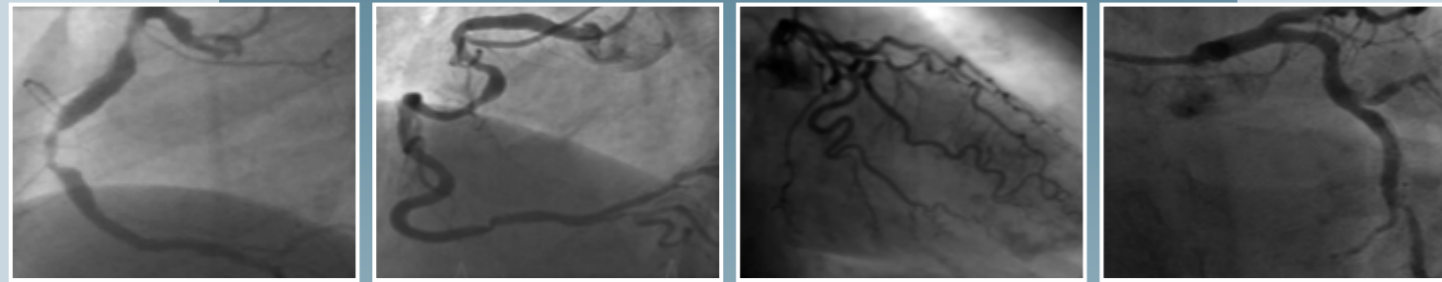
Cardiovascular

Evermine50™
Everolimus Eluting Coronary Stent System

*Designed to Deliver,
Designed to Heal*

CE

Challenge the Complexity, Navigate with Certainty



Monolithic Delivery System Designed to Deliver

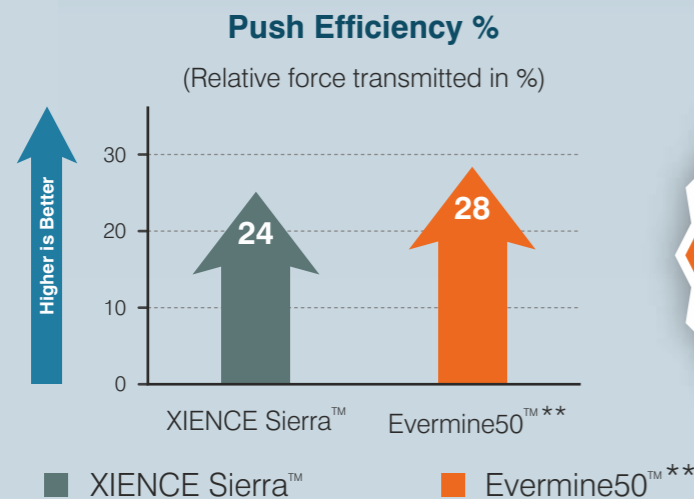
Reinforced hypo tube for improved hub-to-tip force transfer

Enhanced Pushability

Excellent Kink Resistance

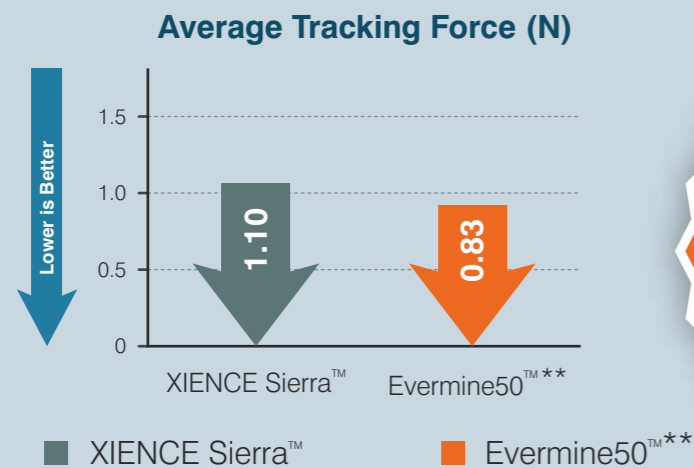
Elongated distal tip to cross the complex anatomies

Better Pushability from hub-to-tip*



15%
Better Push Efficiency vs. XIENCE Sierra™

Better trackability in difficult anatomies*



25%
Lesser Average Tracking force vs. XIENCE Sierra™

Evermine50™

Everolimus Eluting Coronary Stent System

Ultrathin strut thickness of 50 μm, Designed to Heal

Ultra-Thin Strut Fast Healing Advantage

- Less vessel injury, inflammation, and thrombus formation compared to thicker struts¹
- Faster endothelialization and early vascular healing²
- Lower risk of uncovered struts/malapposed struts²

Intelligent Stent Architecture

- Hybrid cell design with mix of open and closed cells resulting in excellent radial strength with high flexibility
- Unique strut width variability that ensures <4% recoil and <1.0% change in length³ (foreshortening / lengthening)

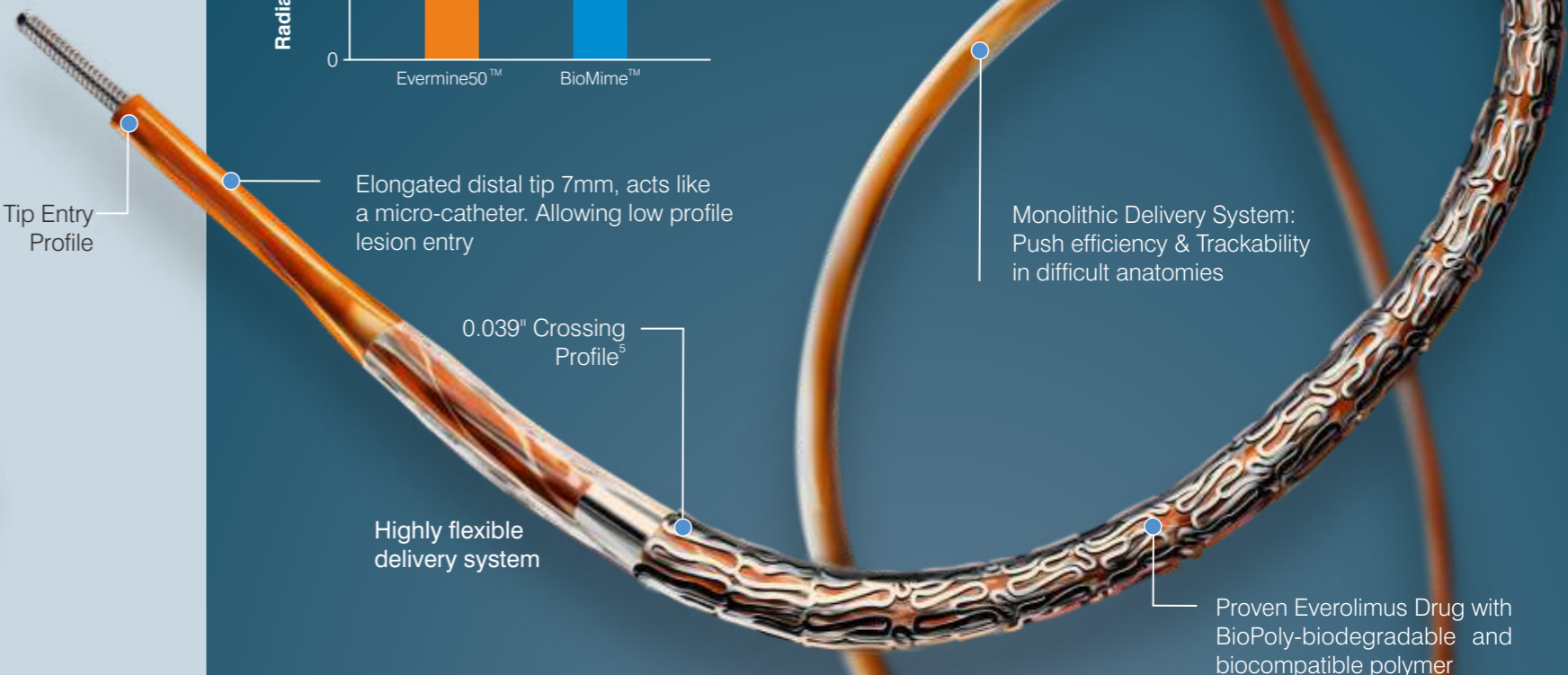
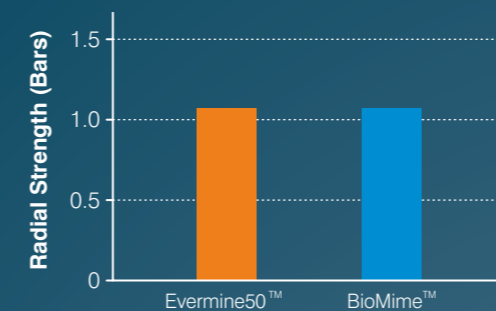


Y-connector S-link Strut width variability

Cumulative Clinical events at 6-months⁴
251 patients, 48.6% diabetics, 45.4% hypertensive

1 (0.4%) CD-TLR	0 (0.0%) ST	2 (0.8%) MACE
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Strut Width Variability maintains Radial Strength



* Tests performed by and data on file at Meril Life Sciences Pvt. Ltd.
** On Lineage delivery system
XIENCE Sierra™ is a trademark of Abbott Laboratories.

1. Kolandaivelu. Circulation 2011; Soucy. EuroIntervention 2010; Kastrati. Circulation 2001; Pache. JACC 2003
2. Cassese S et al. Eur Heart J Cardiovasc Imaging. 2018 Jan 2. doi: 10.1093/ehjci/ehx334
3. Data on File
4. Patted SV, Patted AS, et al. Cardiology research. 2018 Dec;9(6):370.
5. For 3.00 mm Evermine 50™ stent on Monolithic Delivery system