

Evermine50TM

Everolimus Eluting Coronary Stent System

Meril



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The legacy of BioMime design now extended to Evermine50...

Intelligent Stent Architecture

- ✦ An unique hybrid cell design inspired from BioMime family of DES.
- ✦ Closed cells at either ends for optimal scaffolding, wall apposition with superior acute gain and high radial strength.
- ✦ Open cells along the stent length for easy side branch access, flexibility and deliverability.



Next Generation Alloy

- ✦ The next generation Co-Cr L605 imparts outstanding radial strength and visibility.

Thinner Struts

- ✦ Ultra low strut thickness of just 50 μm , without compromising the radial strength and also propensity to minimize vascular injury¹.

Size Matrix

- ✦ Large Size Matrix to Cater Complex Clinical Scenarios.
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.

1. Intracoronary stenting and angiographic results: Strut thickness effect on restenosis outcome (ISAR-STERO-II) trial. JACC. 2003; 41(8).



Everolimus - $1.25 \mu\text{g} / \text{mm}^2$ of Stent Surface

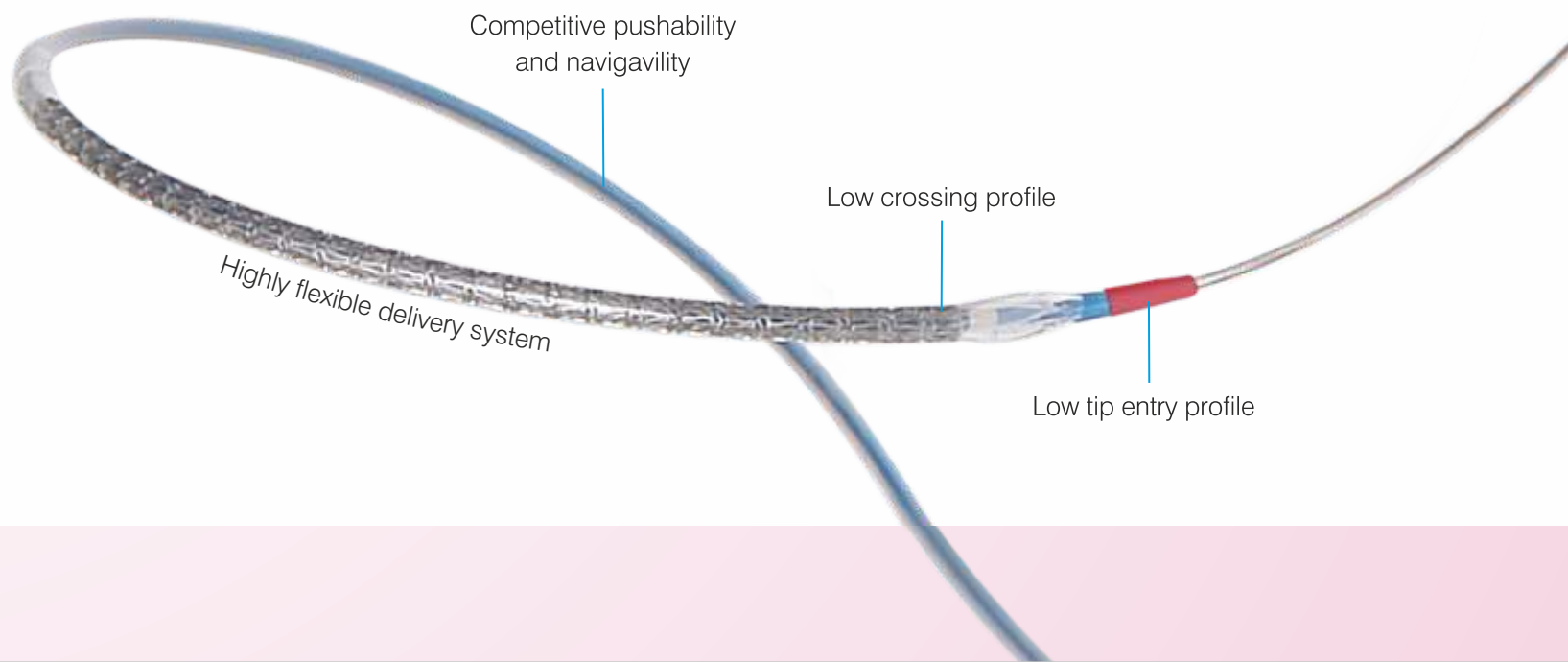
- ✦ Everolimus a novel semi-synthetic macrolide immunosuppressant, coated with PLGA & PLLA polymer for controlled release.



Advanced Catheter Design

- ✦ Specially designed catheter with short abrupt balloon shoulders and low balloon overhang for minimized balloon related edge injury.

Advanced Engineering to Optimize Flexibility and Pushability of Delivery System



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	:	8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48

DRUG/POLYMER

Drug	:	Everolimus
Equivalent Drug Dose	:	1.25 $\mu\text{g} / \text{mm}^2$
Polymer	:	Biodegradable and Biocompatible

DELIVERY SYSTEM

Delivery System	:	Rapid Exchange
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 1.98 F for all Diameters with length < 41mm Proximal 2.13 F for all Diameters with length > 41mm Distal 2.4 F for 2.00 mm Diameter with length < 41 mm Distal 2.7 F for 2.00 mm Diameter with length > 41 mm & 2.25 to 4.50 mm Diameter for all lengths
Radiopaque Markers	:	2 - Platinum / Iridium
Usable Catheter Length	:	140-142 cm
Guide Catheter Compatibility	:	5 F (Min. I. D. 0.056" / 1.42 mm)
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	-
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	-	-	-	-	-
2.25 mm	EVF22532	EVF22537	EVF22540	-	-
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	-	-
4.50 mm	EVF45032	EVF45037	EVF45040	-	-



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