## Everomime
TECHNICAL SPECIFICATIONS

### STENT

| | |
|---|---|
| Stent design | **Hybrid cell design** |
| Stent material | **Cobalt chromium L605** |
| Strut thickness | **50 µm** |
| Stent diameters | **2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50 mm** |
| Stent lengths | **8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48 mm** |
| Mean recoil / length change | **< 4 % / < 1.0 %** |

### DRUG & POLYMER

| | |
|---|---|
| Drug | **Everolimus** |
| Equivalent drug dose | **1.25 µg/mm²** |
| Polymer | **PLLA + PLGA — biodegradable and biocompatible** |
| Coating thickness | **2 µm** |

### DELIVERY SYSTEM

| | |
|---|---|
| Delivery system | **Rapid exchange (Rx), monolithic** |
| Nominal pressure | **8 atm** |
| Rated burst pressure | **14 / 16 atm depending on stent size and length (refer to IFU)** |
| Balloon overhang | **≤ 0.5 mm** |
| Shaft outer diameter | **Proximal 2.13 F · Distal 2.7 F** |
| Radiopaque markers | **2 — platinum / iridium** |
| Usable catheter length | **142 cm** |
| Guide catheter compatibility | **5 F (minimum ID 0.056" / 1.42 mm)** |
| Lesion entry profile | **0.016"** |
| Distal tip | **Elongated, 7 mm** |
| Maximum guidewire | **0.014" (0.36 mm)** |

### CROSSING PROFILE BY STENT DIAMETER

| Stent diameter (mm) | Crossing profile |
|---|---|
| 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" |

## Everomime
ORDERING INFORMATION

Ordering information with all ordering codes is given on the following page.

KMD INDIA
KEPLER MEDICAL DEVICES PVT. LTD.
ADVANCING SCIENCE FOR LIFE

ADVANCING SCIENCE FOR LIFE


**Kepler Headquarters**
KEPLER TOWER, One Square, First & Second Floor, Rail Vihar Colony, Sector L, Ashiyana, opposite the Chancellor's Club, Lucknow, Uttar Pradesh 226012
Phone: 0522-3142852

**Kepler Sales Office**
KEPLER TOWER, One Square, Ground Floor, Rail Vihar Colony, Sector L, Ashiyana, opposite the Chancellor's Club, Lucknow, Uttar Pradesh 226012
Phone: 0522-3167000

**Manufacturing Plant**
Plot No. 400 to 405, Ward No. 29, Satya Nagar, Raebareli, Uttar Pradesh 229001
Phone: 0535-3568571

**Mobile**
+91 9305855463 · +91 8840843868

**Email**
keplermedicaldevices@gmail.com

**Website**
www.keplermedicaldevices.com



**Kepler Medical Devices Private Limited**

Supplied sterile, for single use only. Read the Instructions for Use supplied with the device before use for indications, contraindications, warnings and precautions. Specifications are subject to change without notice.


KMD/CAT/EVEROMIME/R00 · November 2026


KMD INDIA
KEPLER MEDICAL DEVICES PVT. LTD.
ADVANCING SCIENCE FOR LIFE

DRUG-ELUTING STENTS

# Everomime

Everolimus-eluting coronary stent system



*Engineered to Deliver.*
*Designed to Heal.*

DRUG-ELUTING STENTS · EVEROLIMUS-ELUTING STENTS

# Everomime

Everomime is Kepler's everolimus-eluting coronary stent system, built around an ultra-thin 50 µm cobalt-chromium (L605) scaffold. The thinner strut profile is intended to reduce the amount of metal placed against the vessel wall while the hybrid-cell geometry maintains scaffolding across the treated segment.

Everolimus is carried on a biodegradable and biocompatible PLLA + PLGA polymer applied as a thin 2 µm coating. The stent is pre-mounted on a monolithic rapid-exchange delivery system with a reinforced hypotube and an elongated distal tip, designed for pushability and lesion entry in tortuous coronary anatomy.

## Key features

**Ultra-thin 50 µm struts**
A cobalt-chromium L605 scaffold with 50 µm struts — the thinnest profile in the Kepler DES range.

**Everolimus on a biodegradable polymer**
1.25 µg/mm² everolimus in a PLLA + PLGA biodegradable, biocompatible carrier, 2 µm thick.

**Hybrid cell architecture**
Open and closed cells with Y-connectors, S-links and strut-width variability balance radial support with flexibility.

**Monolithic delivery system**
Reinforced hypotube for hub-to-tip force transfer and kink resistance.

**Low-profile lesion entry**
0.016" lesion-entry profile and a 7 mm elongated distal tip.

**Broad size range**
2.00–4.50 mm diameters and 8–48 mm lengths.

## Design & technology

### Product design & architecture

The scaffold combines open and closed cells in a hybrid pattern. Y-connectors and S-links join adjacent rings, and the strut width varies along each ring to concentrate material where radial support is required.

- Hybrid cell design (open + closed cells)
- Y-connector and S-link interconnections
- Strut-width variability along each ring
- Mean recoil < 4 % and length change < 1.0 %

### Stent technology

Cobalt-chromium L605 allows a thin strut while retaining radiopacity and radial strength. At 50 µm, Everomime's struts are 15 µm thinner than the 65 µm sirolimus platforms in the range.

- Material: cobalt chromium L605
- Strut thickness: 50 µm
- Diameters 2.00–4.50 mm; lengths 8–48 mm

### Drug & polymer technology

Everolimus, a limus-family antiproliferative, is released from a biodegradable PLLA + PLGA polymer. The coating is 2 µm thick.

- Drug: everolimus
- Dose: 1.25 µg/mm² of stent surface
- Polymer: PLLA + PLGA, biodegradable and biocompatible
- Coating thickness: 2 µm

### Delivery system

A monolithic rapid-exchange catheter with a reinforced hypotube transmits push from hub to tip. A 7 mm elongated distal tip with a 0.016" entry profile acts like a micro-catheter for lesion entry.

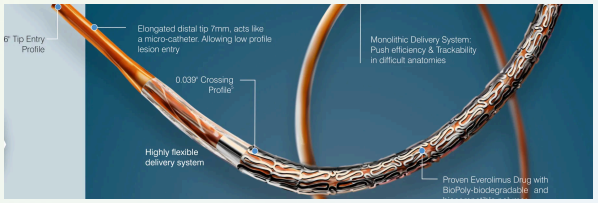
- Rapid exchange, 142 cm usable length
- Nominal 8 atm; rated burst 14/16 atm depending on stent size and length
- Balloon overhang ≤ 0.5 mm; two Pt/Ir markers
- 5 F guide compatible; 0.014" guidewire

## Product highlights

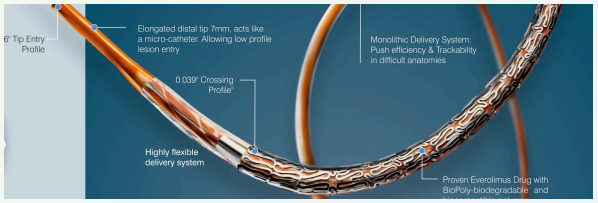
- Stent design: Hybrid cell design
- Stent material: Cobalt chromium L605
- Strut thickness: 50 µm
- Stent diameters: 2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50 mm
- Stent lengths: 8, 13, 16, 19, 24, 29, 32, 37, 40, 44, 48 mm
- Mean recoil / length change: < 4 % / < 1.0 %
- Drug: Everolimus

## Intended use

Everomime is intended for improving coronary luminal diameter in patients with symptomatic ischaemic heart disease due to de novo and restenotic lesions in native coronary arteries.




Delivery-system and tip architecture




Delivery-system callouts: lesion-entry tip, crossing profile and monolithic shaft

## Everomime
ORDERING INFORMATION (CONTINUED)

| Stent diameter (mm) \ Length (mm) | 8 | 13 | 16 | 19 | 24 | 29 | 32 | 37 | 40 | 44 | 48 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.00 | — | EVF20013 | EVF20016 | EVF20019 | EVF20024 | EVF20029 | EVF20032 | EVF20037 | EVF20040 | EVF20044 | EVF20048 |
| 2.25 | EVF22508 | EVF22513 | EVF22516 | EVF22519 | EVF22524 | EVF22529 | EVF22532 | EVF22537 | EVF22540 | EVF22544 | EVF22548 |
| 2.50 | EVF25008 | EVF25013 | EVF25016 | EVF25019 | EVF25024 | EVF25029 | EVF25032 | EVF25037 | EVF25040 | EVF25044 | EVF25048 |
| 2.75 | EVF27508 | EVF27513 | EVF27516 | EVF27519 | EVF27524 | EVF27529 | EVF27532 | EVF27537 | EVF27540 | EVF27544 | EVF27548 |
| 3.00 | EVF30008 | EVF30013 | EVF30016 | EVF30019 | EVF30024 | EVF30029 | EVF30032 | EVF30037 | EVF30040 | EVF30044 | EVF30048 |
| 3.50 | EVF35008 | EVF35013 | EVF35016 | EVF35019 | EVF35024 | EVF35029 | EVF35032 | EVF35037 | EVF35040 | EVF35044 | EVF35048 |
| 4.00 | EVF40008 | EVF40013 | EVF40016 | EVF40019 | EVF40024 | EVF40029 | EVF40032 | EVF40037 | EVF40040 | EVF40044 | EVF40048 |
| 4.50 | EVF45008 | EVF45013 | EVF45016 | EVF45019 | EVF45024 | EVF45029 | EVF45032 | EVF45037 | EVF45040 | EVF45044 | EVF45048 |

- 87 sizes: 8 diameters × 11 lengths.

87 configurations · Quote the ordering code when placing an order.