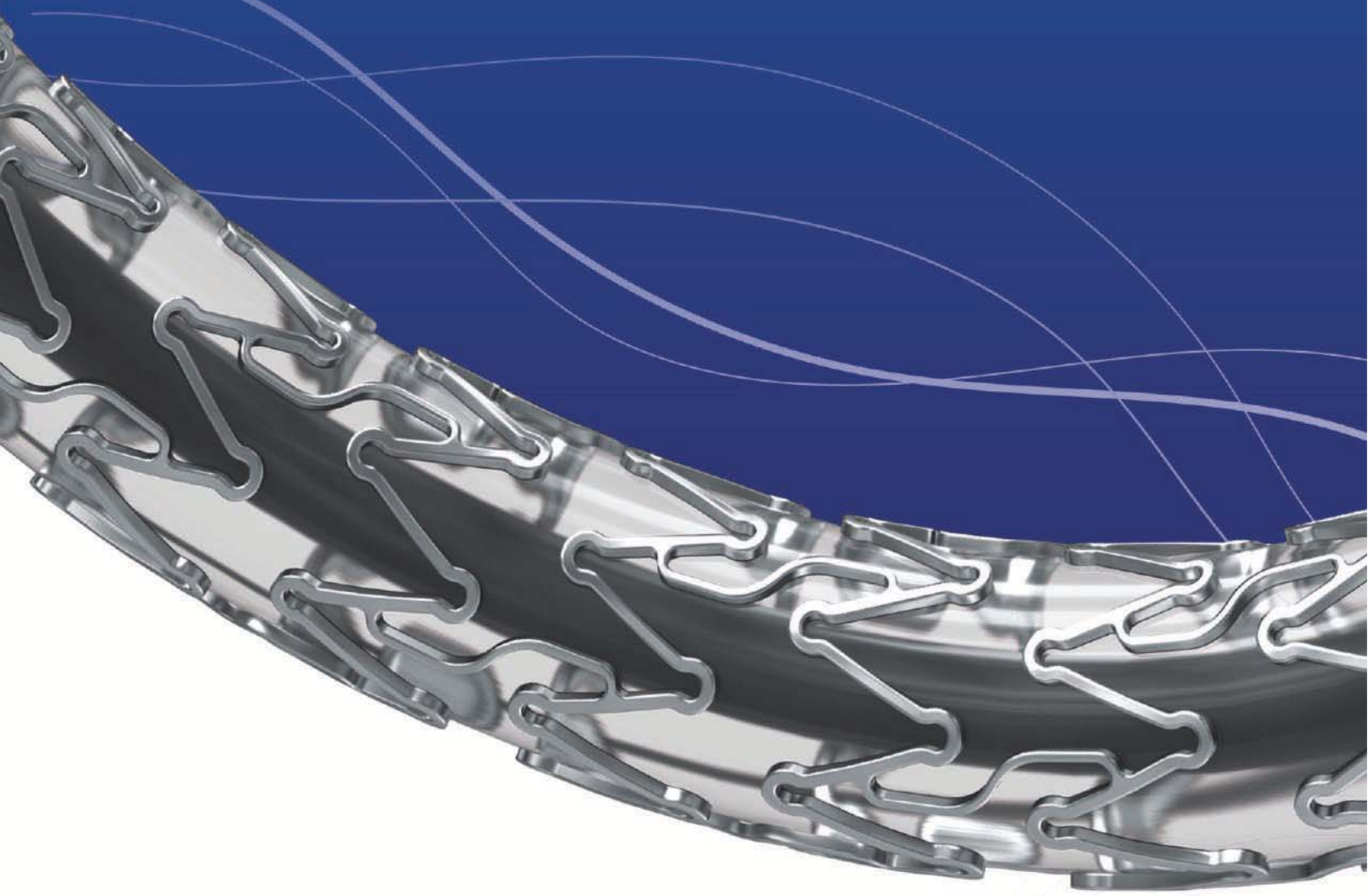
CE 1434

Stenoflex

Sirolimus Eluting Coronary Stent System



KAMAL

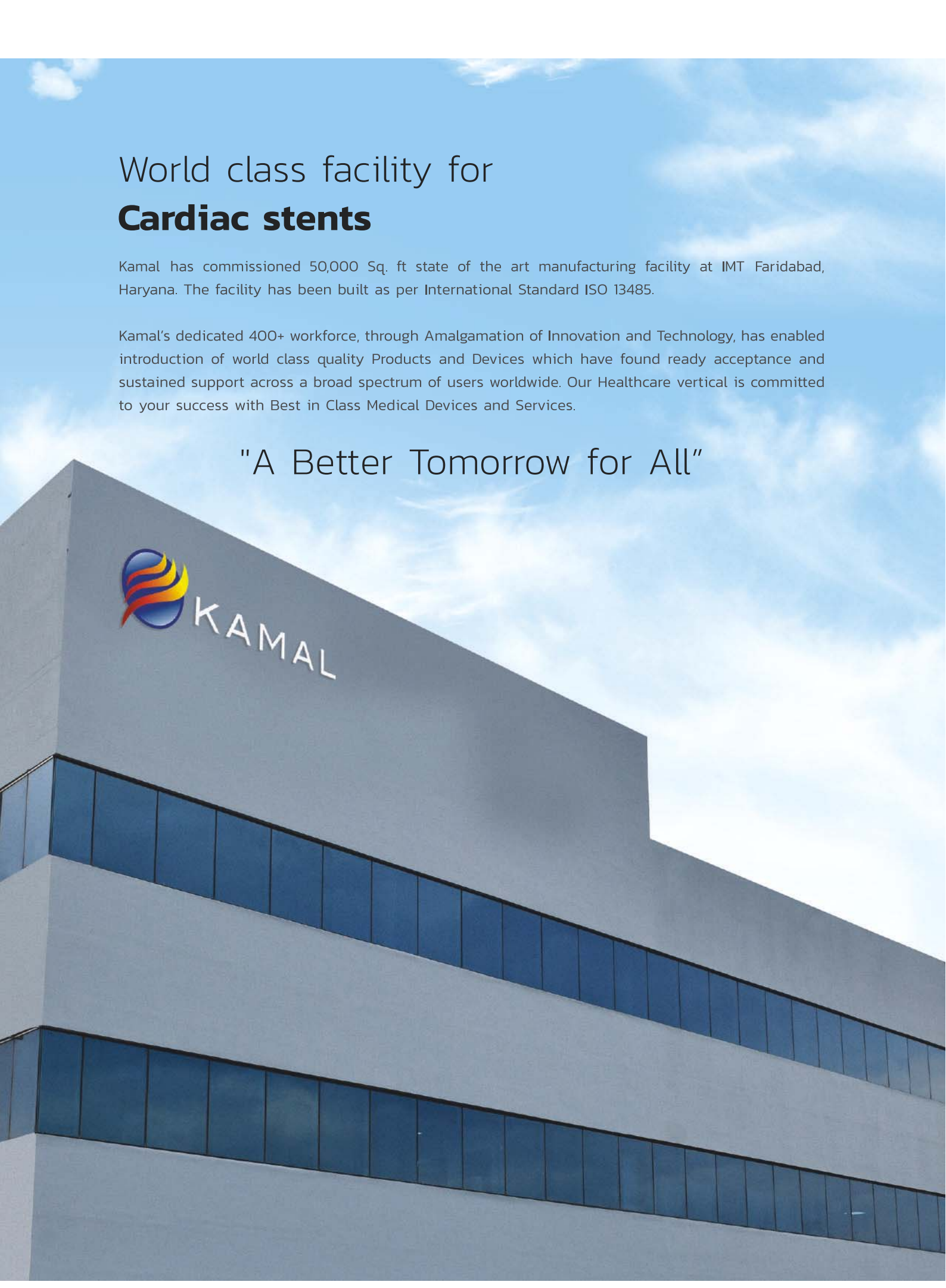
THE STENT WITH
EXCEPTIONAL FLEXIBILITY &
ULTRA-THIN STRUT THICKNESS (65µm)

World class facility for **Cardiac stents**

Kamal has commissioned 50,000 Sq. ft state of the art manufacturing facility at IMT Faridabad, Haryana. The facility has been built as per International Standard ISO 13485.

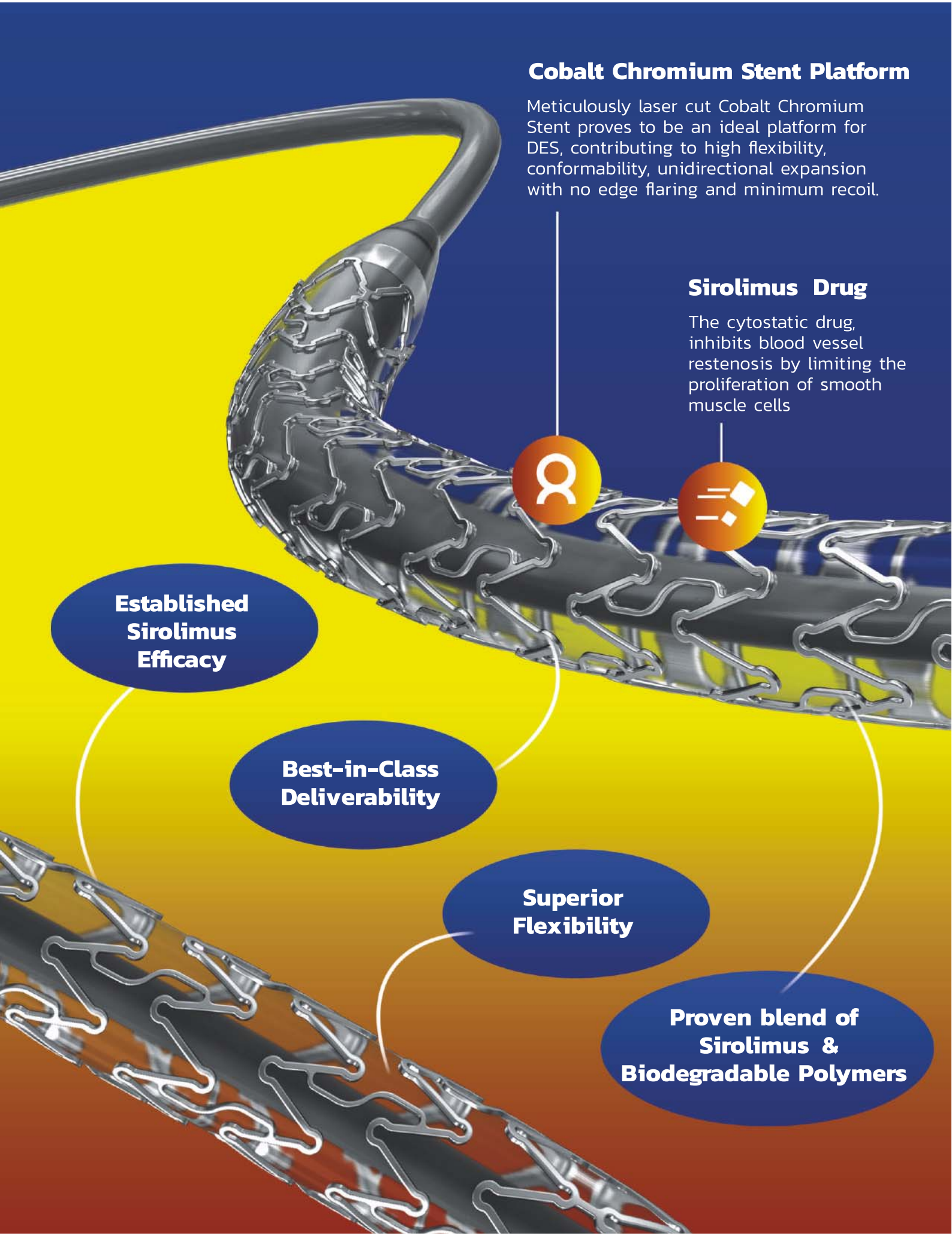
Kamal's dedicated 400+ workforce, through Amalgamation of Innovation and Technology, has enabled introduction of world class quality Products and Devices which have found ready acceptance and sustained support across a broad spectrum of users worldwide. Our Healthcare vertical is committed to your success with Best in Class Medical Devices and Services.

"A Better Tomorrow for All"



Unique stent design together with proven efficacy of Sirolimus drug & Biodegradable polymers resulted into Stenoflex with excellent safety & efficacy profile

Sirolimus Drug being more lipophilic than other limus family drug, penetrates rapidly at the target lesion and provides rapid cell inhibitory action. Sirolimus stents are well proven to show less restenosis, stent thrombosis and perprocedural myocardial infraction compared to earlier generation of Drug Eluting Stents.


Cobalt Chromium Stent Platform
Meticulously laser cut Cobalt Chromium Stent proves to be an ideal platform for DES, contributing to high flexibility, conformability, unidirectional expansion with no edge flaring and minimum recoil.
Sirolimus Drug
The cytostatic drug, inhibits blood vessel restenosis by limiting the proliferation of smooth muscle cells
Established Sirolimus Efficacy
Best-in-Class Deliverability
Superior Flexibility
Proven blend of Sirolimus & Biodegradable Polymers

Polymers

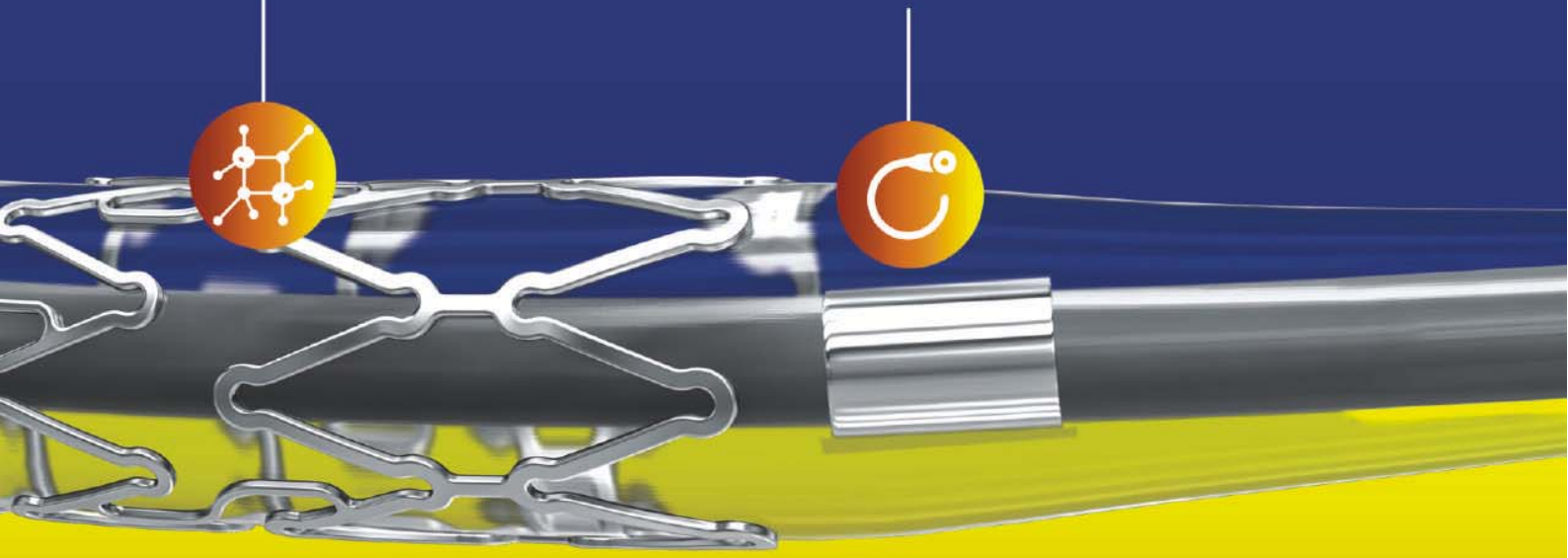
Biodegradable polymers blend, act as a binding factor for the drug. The unique and validated formulation help drug release in a controlled fashion.

Stenoflex

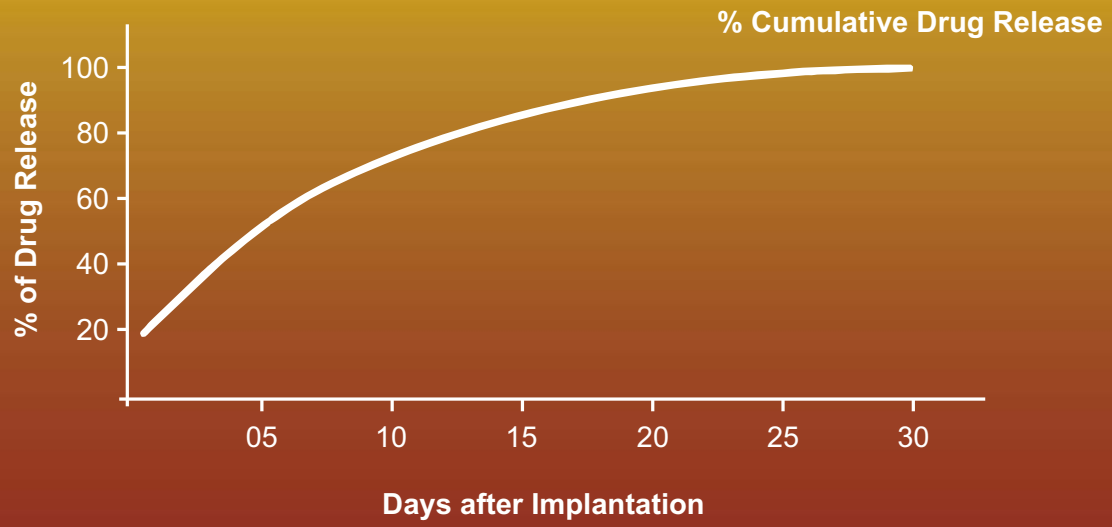
Sirolimus Eluting Coronary Stent System

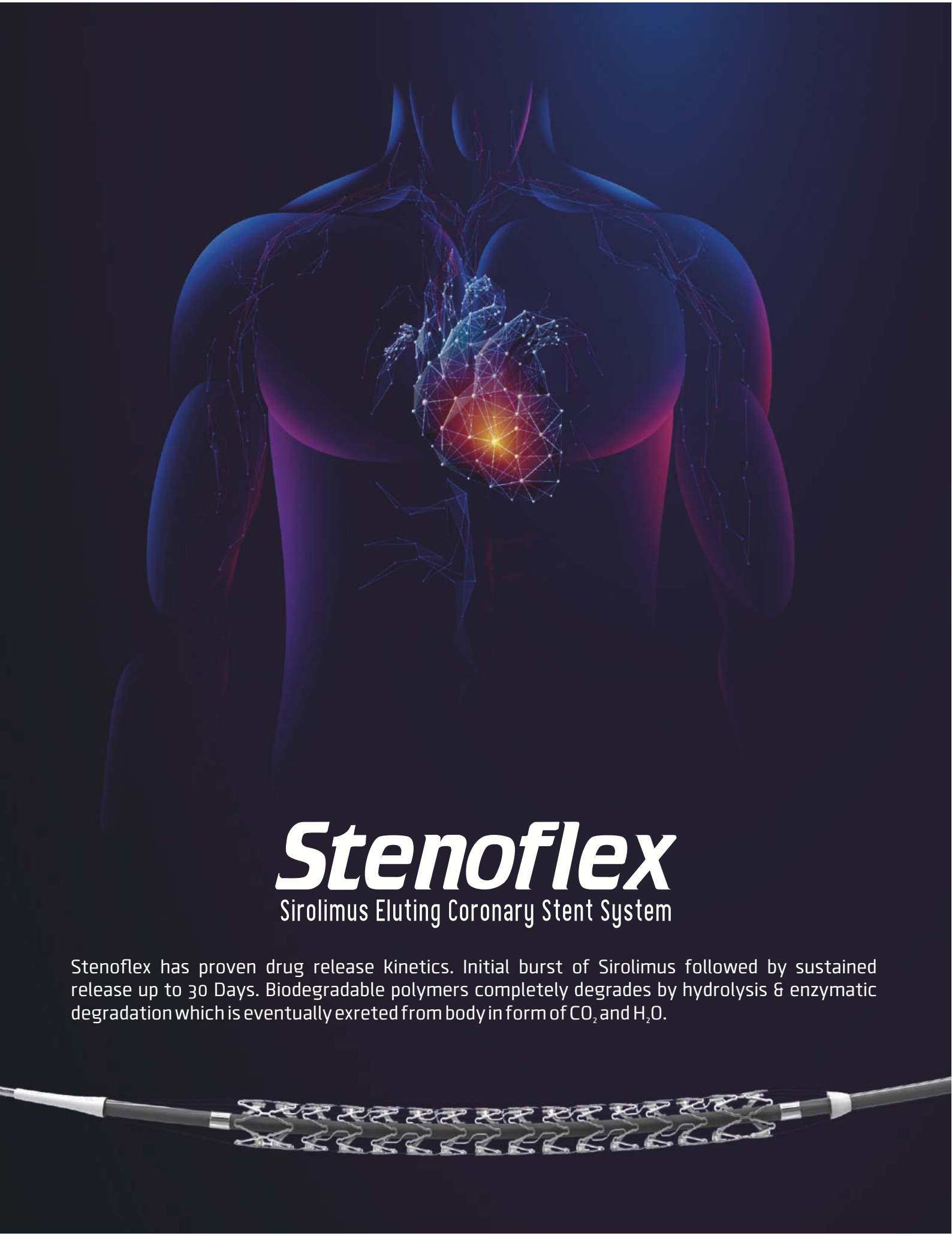
PTCA Balloon Catheter

Drug coated stent is mounted on the balloon portion of PTCA balloon Catheter, the latter assists in stent positioning & dilatation. The Ultra-low profile, excellent crossability and flexible tip of PTCA balloon Catheter help entire stent system to achieve its expected clinical outcomes.



Drug Release Profile:





Stenoflex

Sirolimus Eluting Coronary Stent System

Stenoflex has proven drug release kinetics. Initial burst of Sirolimus followed by sustained release up to 30 Days. Biodegradable polymers completely degrades by hydrolysis & enzymatic degradation which is eventually exreted from body in form of CO_2 and H_2O.

- Low Recoil avoids the risks of Malposition and restenosis
- Ultra-Thin Strut thickness (65µm), reduces the risk of stent thrombosis and improves the rate of stent strut coverage.
- Biodegradable polymers offer improved vessel healing, long term safety in terms of death, stent thrombosis, and myocardial infarction.
- Negligible stent foreshortening, make STENOFLEX an ideal one for ostial and bifurcation lesions.
- Higher tensile strength attributes to kink resistance and flexible performance of delivery catheter
- STENOFLEX being extremely flexible is the choice of use for torturous and complex anatomy.
- Uniform stent design throughout the entire stent length attributes to unidirectional stent expansion reducing the chances of vessel injury.
- Different stent models for different stent diameters avoid overstretching of the stent in larger diameters and provide optimum stent performance.
- Wavy strut pattern contributes to larger angle during expansion eventually leading to better stent flexibility.
- Optimum connectors placement leading to superior stent conformance.
- Ultra-low tip profile gives resistance free trackability and pushability characteristics.
- Platinum- iridium radio opaque markers are precisely placed within the balloon cones for accurate stent positioning and placement.

STENT SPECIFICATION

Design:	Open Cell Stent Design
Material:	Cobalt Chromium (CoCr) L605
Length (mm):	8, 13, 16, 20, 24, 28, 32, 36, 40, 43 & 47
Diameter (mm):	2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00 & 4.50
Strut Dimensions:	Thickness 65 µm | Strut 70 µm | Connectors 50 µm
Nominal Pressure (NP):	9 atm
Rated Burst Pressure (RBP):	16 atm
Foreshortening:	Nearly Zero
Recoil:	≤ 5 %
Crossing Profile:	Nearly 1.00 mm
Min. Guidewire Diameter:	0.014"
Min. Guiding Catheter I.D.:	5 Fr Compatible
Radial Strength:	Excellent
Flexibility:	Excellent

KAMAL

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+91-7065950917
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An ISO 13485 Certified Company

ORDERING INFORMATION

CE 1434

Dia(mm)	8	13	16	20	24	28	32	36	40	43	47
2.00	SF20008	SF20013	SF20016	SF20020	SF20024	SF20028	SF20032	SF20036	SF20040	SF20043	SF20047
2.25	SF22508	SF22513	SF22516	SF22520	SF22524	SF22528	SF22532	SF22536	SF22540	SF22543	SF22547
2.50	SF25008	SF25013	SF25016	SF25020	SF25024	SF25028	SF25032	SF25036	SF25040	SF25043	SF25047
2.75	SF27508	SF27513	SF27516	SF27520	SF27524	SF27528	SF27532	SF27536	SF27540	SF27543	SF27547
3.00	SF30008	SF30013	SF30016	SF30020	SF30024	SF30028	SF30032	SF30036	SF30040	SF30043	SF30047
3.50	SF35008	SF35013	SF35016	SF35020	SF35024	SF35028	SF35032	SF35036	SF35040	SF35043	SF35047
4.00	SF40008	SF40013	SF40016	SF40020	SF40024	SF40028	SF40032	SF40036	SF40040	SF40043	SF40047
4.50	SF45008	SF45013	SF45016	SF45020	SF45024	SF45028	SF45032	SF45036	SF45040	SF45043	SF45047

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