Superia™

Biodegradable Polymer based Sirolimus Eluting Coronary Stent System

Introducing Superia : the next generation DES engineered to deliver Safety & Efficacy. With the proven efficacy of sirolimus, fully bioresorbable polymer and Proprietary CoCr stent surface finish, safety and excellence is demonstrated by Superia's design.

Platform : Flexia cobalt chromium coronary stent (CE Marked)
Flexia coronary stent is next generation uniform sinusodial strut design offering uniform drug delivery throughout stent length. Flexia offers excellent flexibility & exceptional deliverability.

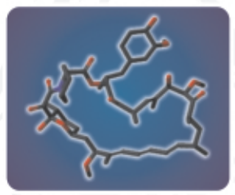
Superia™

The Supreme Drug Eluting Coronary Stent....

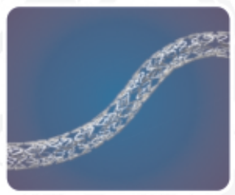
Unique Features

- Super thin alloy
- Ultra Thin Coating (2- 3 μ) & Lower strut thickness (65μm)
- Perfect Deliverability
- Excellent Strength and Trackability
- Reliable drug –Sirolimus
- Ideal Flexibility
- Accurate Surface Finish

Engineered to Deliver Safety and Efficacy



Sirolimus - Proven Efficacy

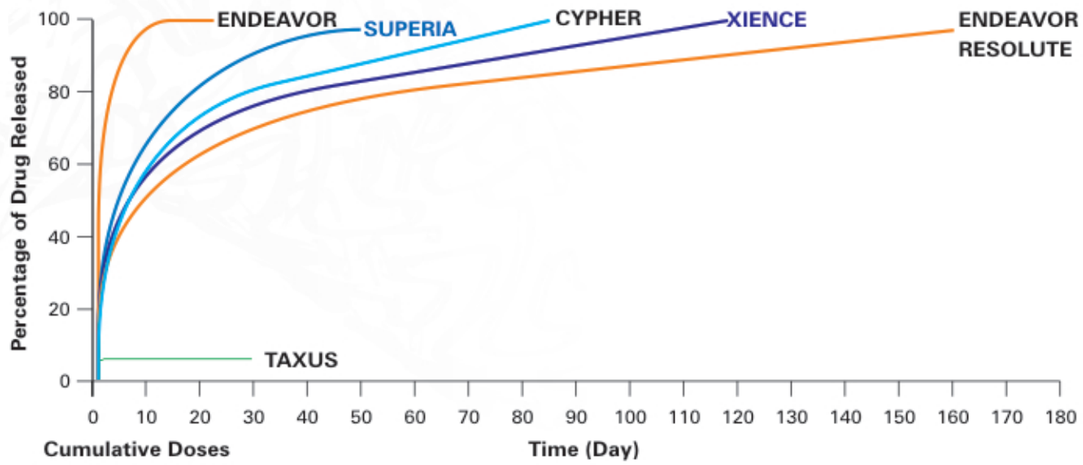


Proven L-605 Cobalt alloy
Proprietary surface finesh
Ultra thin Struts 65 um

Designed for Optimal Strength and Flexibility

Drug Release Kinetics

Superia has proven drug release kinetics. Initial burst release of Sirolimus followed by sustained release up to 40 days.



Strut Thickness Matters

Superia is the thinnest DES available in the market. Thin strut & polymer coating reduces injury to vessel wall and aid faster re-endothelization thereby minimizing the risk of Thrombosis.

DES Characteristics	Cypher	Taxus Liberty	Endeavor Resolute	Xience	Superia
Strut Thickness	140 µm	132 µm	91 µm	81 µm	65 µm
Polymer Thickness	13.7 µm	16.4 µm	4.8 µm	7.8 µm	1.5 µm
Polymer	Durable	Durable	Durable	Durable	Bioresorbable
Drug	Sirolimus	Paclitaxel	Zotarolimus	Everolimus	Sirolimus
Strut+Polymer Thickness	153.7 µm	148.4 µm	95.8 µm	88.8 µm	68 µm

Strut thickness is just for graphical representation purpose - not to scale

Biocompatible Bioresorbable Polymer : The Polymer completely degrades by Hydrolysys & enzymatic degradation which is eventually excreted from the body in form of CO_2 and H_2O

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Ordering Information

Superia™

Biodegradable Polymer based Sirolimus Eluting Coronary Stent System

Stent Length (mm)

Diameter (mm)	8	13	16	19	24	29	32	37	40
2.25	SU2.2508	SU2.2513	SU2.2516	SU2.2519	SU2.2524	SU2.2529	SU2.2532	SU2.2537	SU2.2540
2.50	SU2.5008	SU2.5013	SU2.5016	SU2.5019	SU2.5024	SU2.5029	SU2.5032	SU2.5037	SU2.5040
2.75	SU2.7508	SU2.7513	SU2.7516	SU2.7519	SU2.7524	SU2.7529	SU2.7532	SU2.7537	SU2.7540
3.00	SU3.0008	SU3.0013	SU3.0016	SU3.0019	SU3.0024	SU3.0029	SU3.0032	SU3.0037	SU3.0040
3.50	SU3.5008	SU3.5013	SU3.5016	SU3.5019	SU3.5024	SU3.5029	SU3.5032	SU3.5037	SU3.5040
4.00	SU4.0008	SU4.0013	SU4.0016	SU4.0019	SU4.0024	SU4.0029	SU4.0032	SU4.0037	SU4.0040
4.50	SU4.5008	SU4.5013	SU4.5016	SU4.5019	SU4.5024	SU4.5029	SU4.5032	SU4.5037	SU4.5040

Stent Specifications

Design	Uniform sinusoidal cell design
Material	L605 Cobalt Chromium
Strut Thickness	65 µm
Strut Width	85 µm
Foreshortening	Nearly zero
Recoil	<4 %
Crossing profile	1 mm
Guiding Catheter	5 Fr compatible
Radial Strength	Excellent
Flexibility	Excellent

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Superia™

Biodegradable Polymer based Sirolimus Eluting Coronary Stent System

Thinnest Strut DES*

Bioresorbable Polymers...

...Because Safety Matters

*68 µm strut and drug polymer coating

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