

NEXGEN™ TECHNICAL SPECIFICATIONS

STENT

Stent Material	: Cobalt Chromium L605
Strut Thickness	: 65 µm (0.065 mm or 0.0026")
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
Mean recoil	: ≤ 4%
Mean foreshortening	: 0.29%

DELIVERY SYSTEM

Delivery System	: Rapid Exchange
Stent Diameter	: Crossing Profile
mm	mm / inches
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"
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 1.95-1.98 F and Distal 2.7 F (Refer IFU for more details)
Radiopaque markers	: 2 - Platinum / Iridium
Usable Catheter Length	: 140 / 142cm
Guide Catheter Compatibility	: 5F (Min. I. D. 0.056"/ 1.42 mm)
Max. Guide Wire	: 0.014" (0.36 mm)

NEXGEN™ STENT ORDERING INFORMATION

Dia / Length	8mm	13mm	16mm	19mm	24mm
2.00mm	-	NXG20013	NXG20016	NXG20019	NXG20024
2.25mm	NXG22508	NXG22513	NXG22516	NXG22519	NXG22524
2.50mm	NXG25008	NXG25013	NXG25016	NXG25019	NXG25024
2.75mm	NXG27508	NXG27513	NXG27516	NXG27519	NXG27524
3.00mm	NXG30008	NXG30013	NXG30016	NXG30019	NXG30024
3.50mm	NXG35008	NXG35013	NXG35016	NXG35019	NXG35024
4.00mm	NXG40008	NXG40013	NXG40016	NXG40019	NXG40024
4.50mm	NXG45008	NXG45013	NXG45016	NXG45019	NXG45024

Dia / Length	29mm	32mm	37mm	40mm
2.00mm	NXG20029	NXG20032	NXG20037	NXG20040
2.25mm	NXG22529	NXG22532	NXG22537	NXG22540
2.50mm	NXG25029	NXG25032	NXG25037	NXG25040
2.75mm	NXG27529	NXG27532	NXG27537	NXG27540
3.00mm	NXG30029	NXG30032	NXG30037	NXG30040
3.50mm	NXG35029	NXG35032	NXG35037	NXG35040
4.00mm	NXG40029	NXG40032	NXG40037	NXG40040
4.50mm	NXG45029	NXG45032	NXG45037	NXG45040

NexGen™ is a registered trademark of Meril Life Sciences Pvt. Ltd.
NexGen™ is currently not approved by USFDA and not available for sale in USA.

Meril

More to Life

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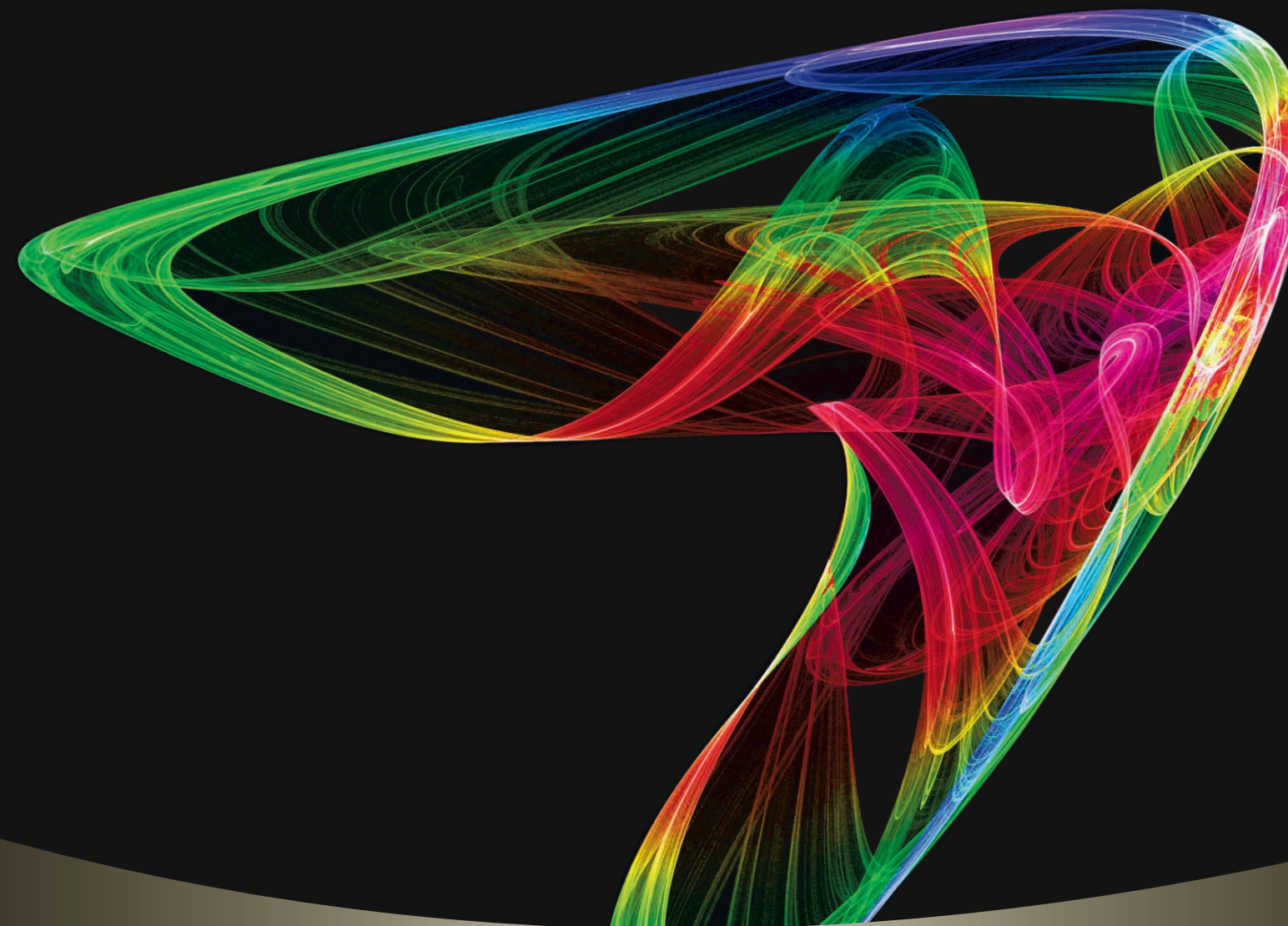
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NEXGEN™

Cobalt Chromium Coronary Stent System

Meril



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Cobalt Chromium Coronary Stent System

NXG/BROCHURE/010/MLS/2019/205/IND

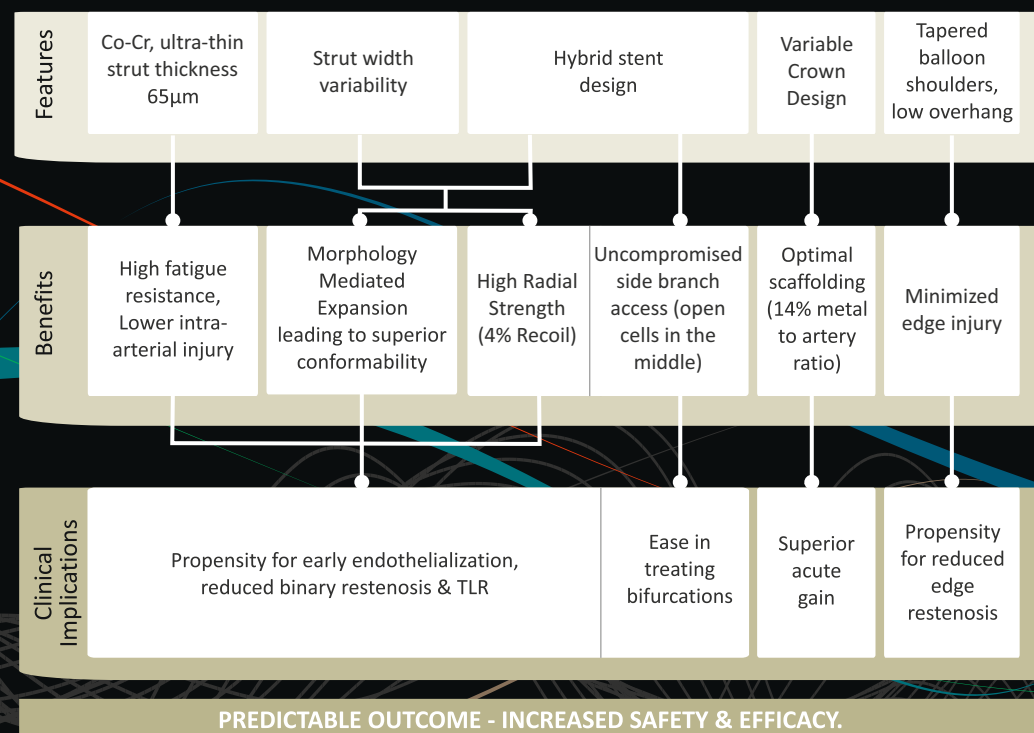
NEXGEN™

Cobalt Chromium Coronary Stent System

Delightful Performance, delivered.

SIMPLIFYING THE ART AND SCIENCE OF CORONARY STENT ENGINEERING

CREATING THE RIGHT CORONARY STENT SYSTEM - NexGen™



NOVEL STENT ARCHITECTURE

❖ The novel intelligent hybrid design of open and closed cells allows for a morphology mediated expansion leading to uniform conformability and imparts structural strength.



Crimped stent

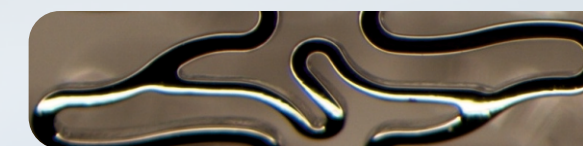
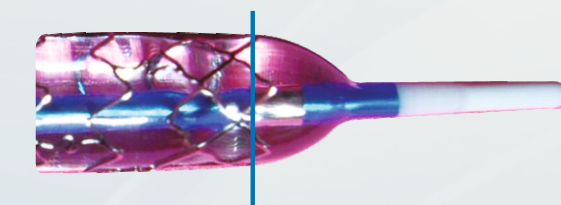


Morphology Mediated Expansion



Fully expanded stent

❖ Low balloon over hang and short abrupt balloon shoulders minimize balloon edge injury.



Strut width variability

In addition, the unique strut width variability ensures radial strength retention.