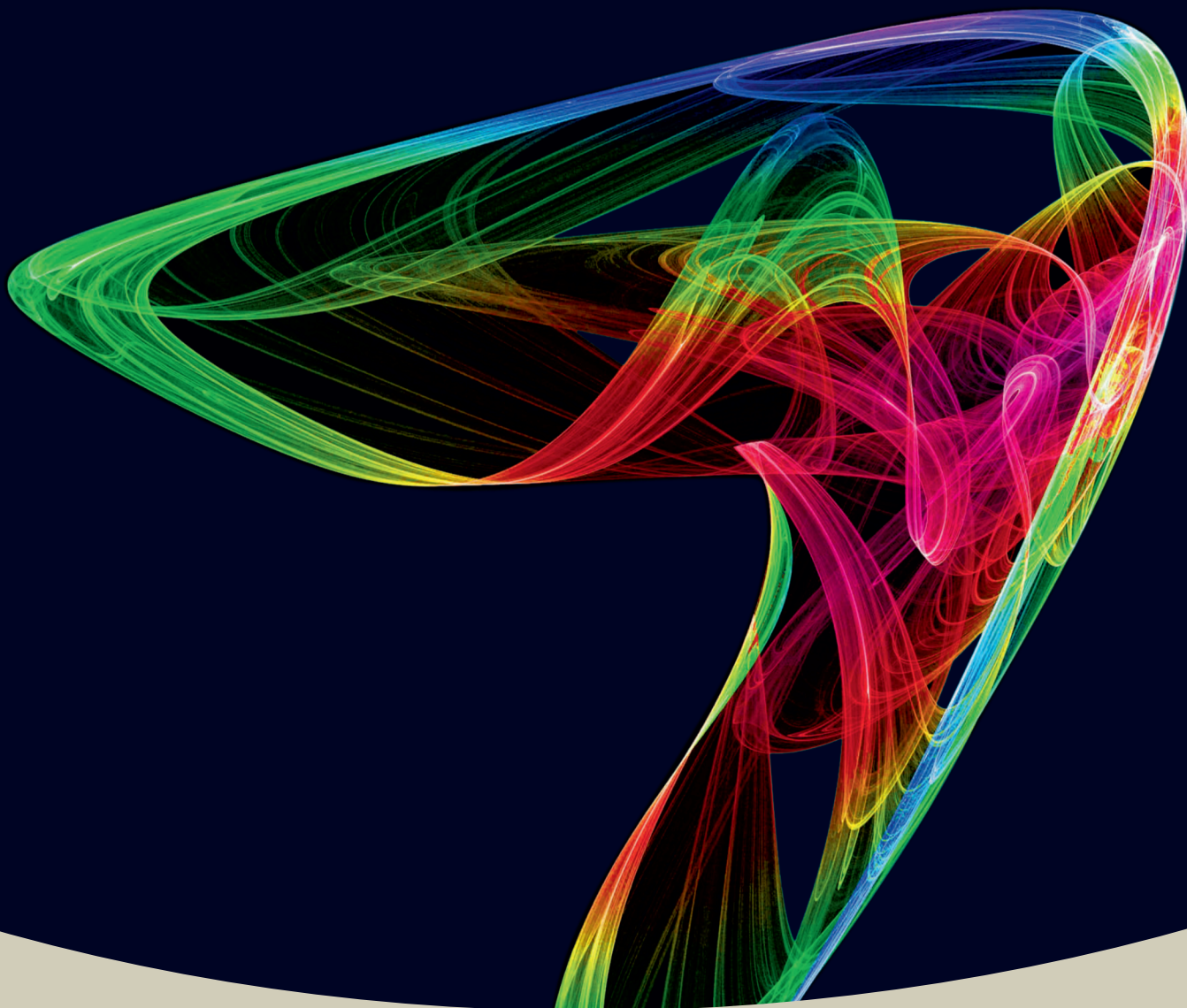


NEXGENTM
Cobalt Chromium Coronary Stent System

Meril



NEXGENTM
Cobalt Chromium Coronary Stent System

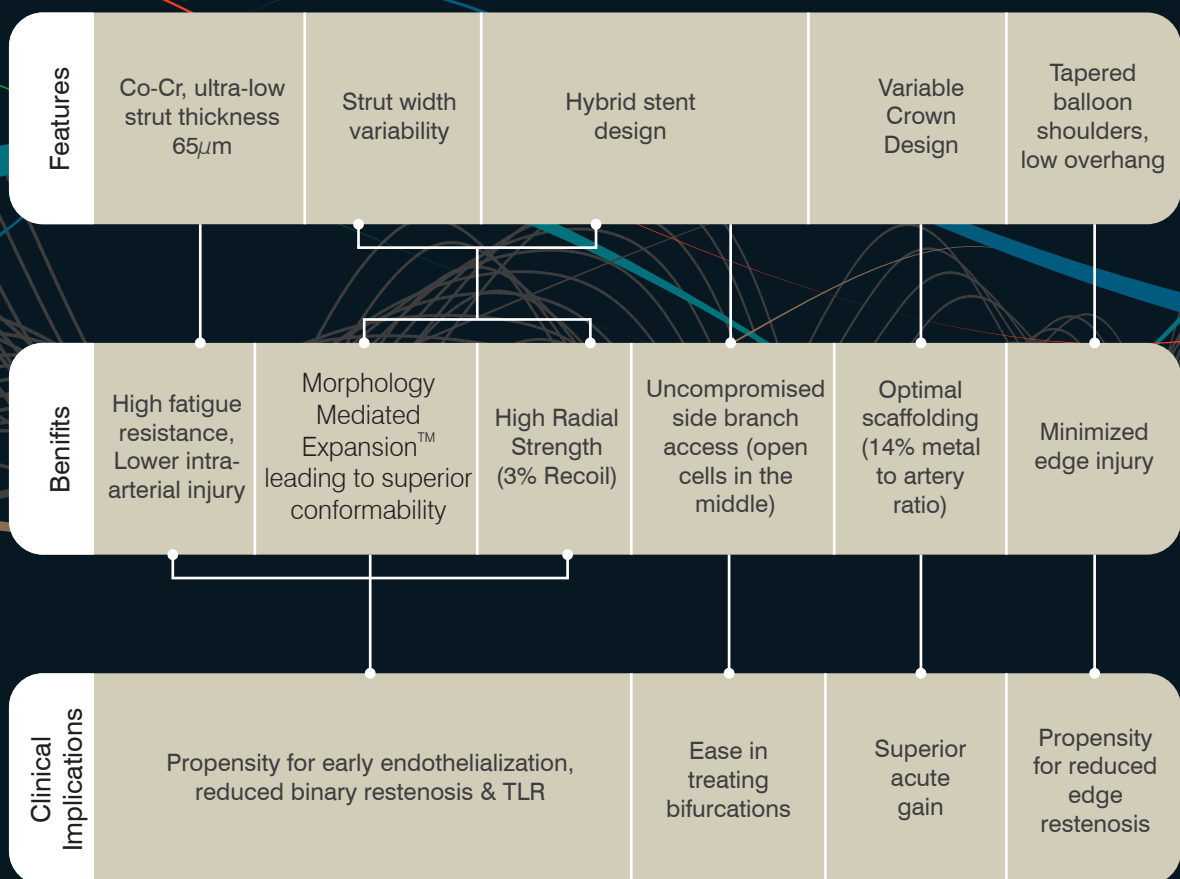
NEXGENTM

Cobalt Chromium Coronary Stent System

Delightful Performance, delivered.

SIMPLIFYING THE ART AND SCIENCE OF CORONARY STENT ENGINEERING

CREATING THE RIGHT CORONARY STENT SYSTEM - NexGenTM



Predictable Outcome - Increased Safety & Efficacy

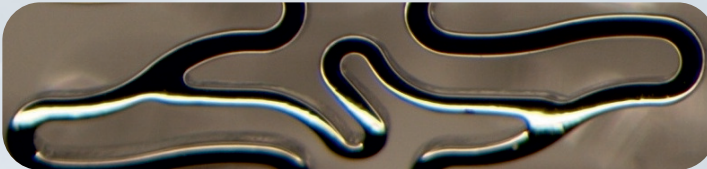
Novel Stent Architecture



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



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



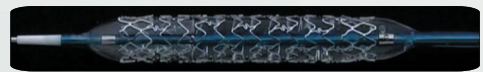
Strut width variability



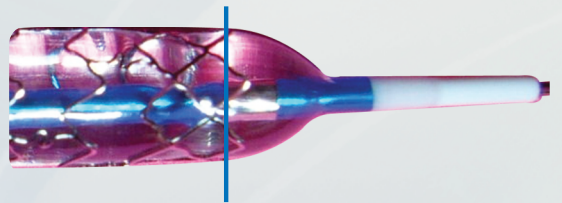
Crimped stent



Morphology Mediated Expansion



Fully expanded stent



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

NEXGEN™ TECHNICAL SPECIFICATIONS

STENT

Stent Material	: Cobalt Chromium L605
Strut Thickness	: 65 µm (0.065 mm or 0.0026")
Stent Diameters (mm)	: 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
2.25	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
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
2.25mm	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
2.25mm	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

Meril

More to Life

Manufacturer:

Meril Life Sciences Pvt. Ltd.
Survey No. 135/139, Bilakhia House,
Muktanand Marg, Chala, Vapi - 396 191.
Gujarat, India.
T +91 260 240 8000

Subsidiary companies:

Meril Life Sciences Pvt. Ltd.
301, A-Wing, Business Square,
Chakala, Andheri Kurla Road,
Andheri East, Mumbai 400 093
T +91 22 39350700
F +91 22 39350777

Meril, Inc.

2436 Emrick Boulevard,
Bethlehem, PA 18020
T +610 500 2080
F +610 317 1672

Meril South America

Doc Med LTDA
Al. dos Tupiniquins,
1079 - Cep: 04077-003 - Moema.
Sao Paulo, Brazil.
T +55 11 3624 5935
F +55 11 3624 5936

Meril GmbH.

Bornheimer Strasse 135-137,
D-53119 Bonn.
Germany.
T +49 228 7100 4000
F +49 228 7100 4001

Meril Tibbi Cihazlar

Meril Tibbi Cihazlar İmalat ve Ticaret A.Ş.
İçerenköy Mah. Çetinkaya Sok.
Prestij Plaza No:28
Kat:4 Ataşehir, 34752
İstanbul / Turkey
T +90 216 641 44 24
F +90 216 641 44 25

Meril China Co. Ltd.

2301b, 23f, Lixin Plaza,
no 90, South Hubin Road,
Xiamen, China
T 0086-592-5368505
F 0086-592-5368519

Meril SA Pty. Ltd.

102, 104, S101 and S102,
Boulevard West Office Park,
142 Western Service Road,
Erf 813 Woodmead Extension 17
Sandton, Johannesburg – 2191
South Africa
T +27 11 465-2049
F +27 86 471 7941

Meril Medical LLC.

Nauchnyi Proezd 19,
Moscow, Russia – 117 246.
Office - +7 495 772 7643

EU representative.

Obelis S.A.
Bd. General Wahis 53,
1030, Brussels, Belgium.
T +32 2 732 5954
F +32 2 732 6003
E mail@obelis.net

E askinfo@merillife.com
W www.merillife.com