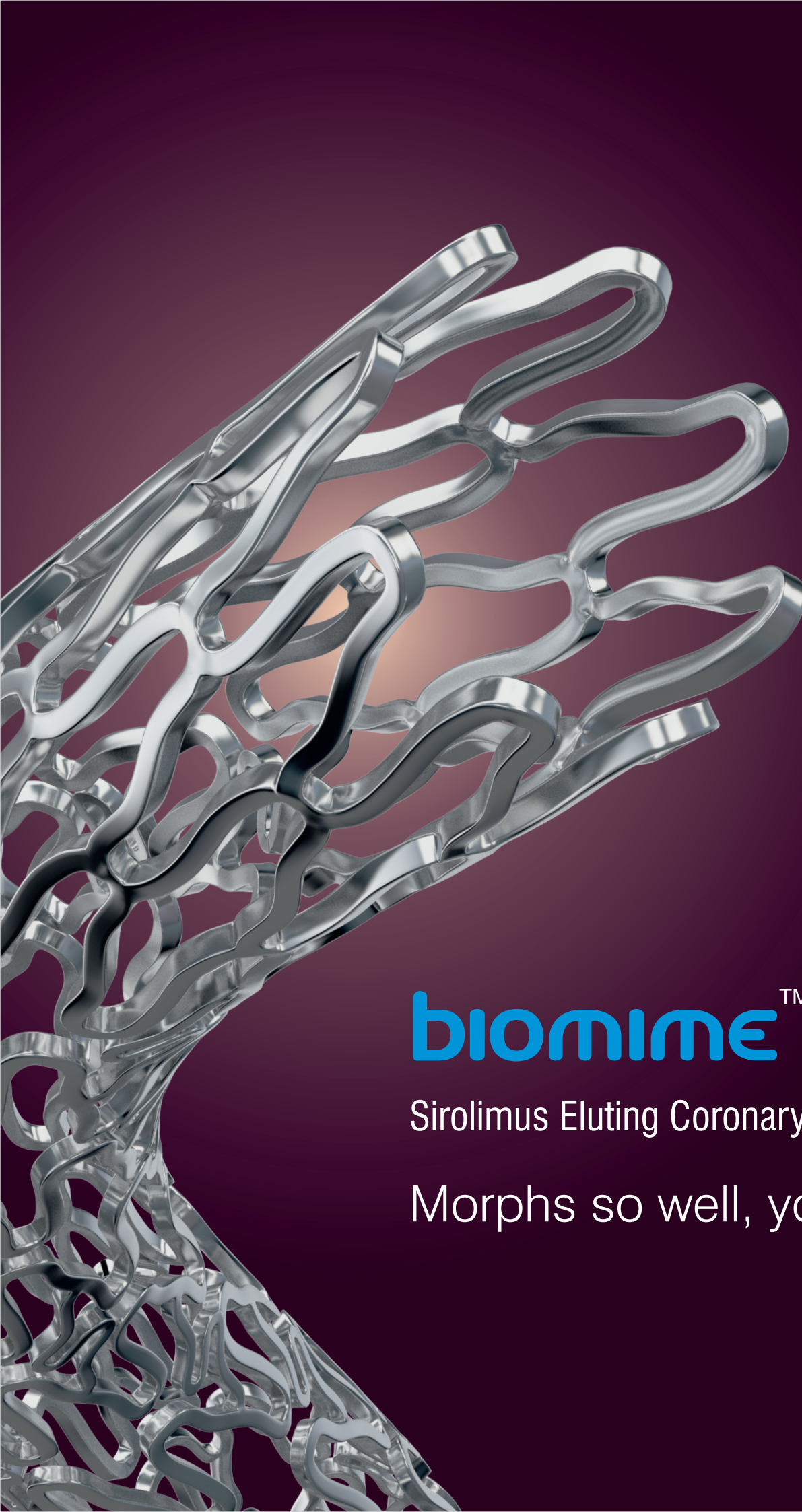




Meril

Cardiovascular

biomimeTM morph

Sirolimus Eluting Coronary Stent System

Morphs so well, you can tell

Natural arteries taper, so should your stent
World's 1st Tapered Drug-Eluting Stent System

biomimeTM morph

Sirolimus Eluting Coronary Stent System

Morphs so well, you can tell

Avoid overlapping
and associated
restenosis and
revascularization

Reduce procedural
time as single
stent is deployed

Avoid excessive
radiation and
contrast

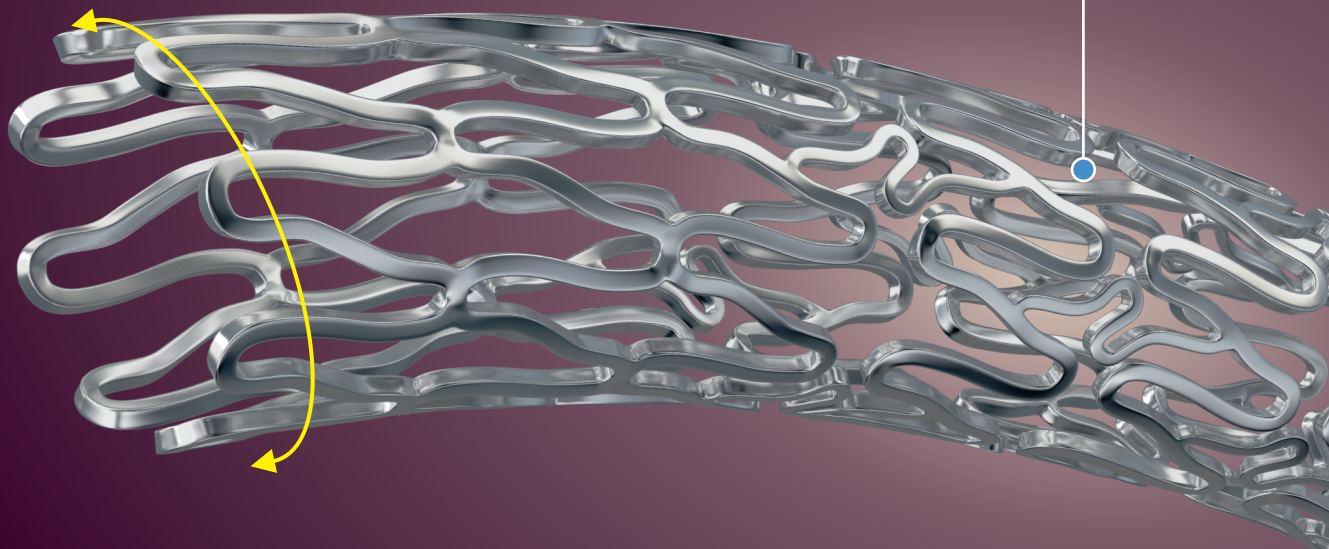
Economical
one stent versus
use of multiple
overlapping stents

Proximal Ø (mm)

3.50

3.00

2.75



Lengths - 30, 40, 50, 60 mm

Morpheus-Global study*:

BioMime Morph SES system demonstrates favorable clinical outcomes in very long coronary lesions($\leq 56\text{mm}$) at six-month clinical follow-up in a real-world global registry

31.7% diabetic, 68.2% very long lesions($\geq 46\text{mm}$), 34.9% CTO, 82.4% B2/C lesion

Events, n (%)	In-hospital (n=482)	1-month follow-up (n=470)	6-month follow-up (n=350) (Interim results)
Cardiac death	0(0.0)	2(0.4)	4(1.1)
MI	1(0.2)	2(0.4)	3(0.9)
ID-TLR	0(0.0)	2(0.4)	7(2.0)
Definite ST	0(0.0)	2(0.4)	2(0.6)
MACE	1(0.2)	6(1.3)	14(4.0)
Freedom from TLF	481(99.8)	464(98.7)	336(96.0)

*Source : Interim results presented by **Dr. P. Agostoni** on behalf of **Morpheus-Global Investigators** during the Late-breaking Trial session at EuroPCR 2019.

Flexibility

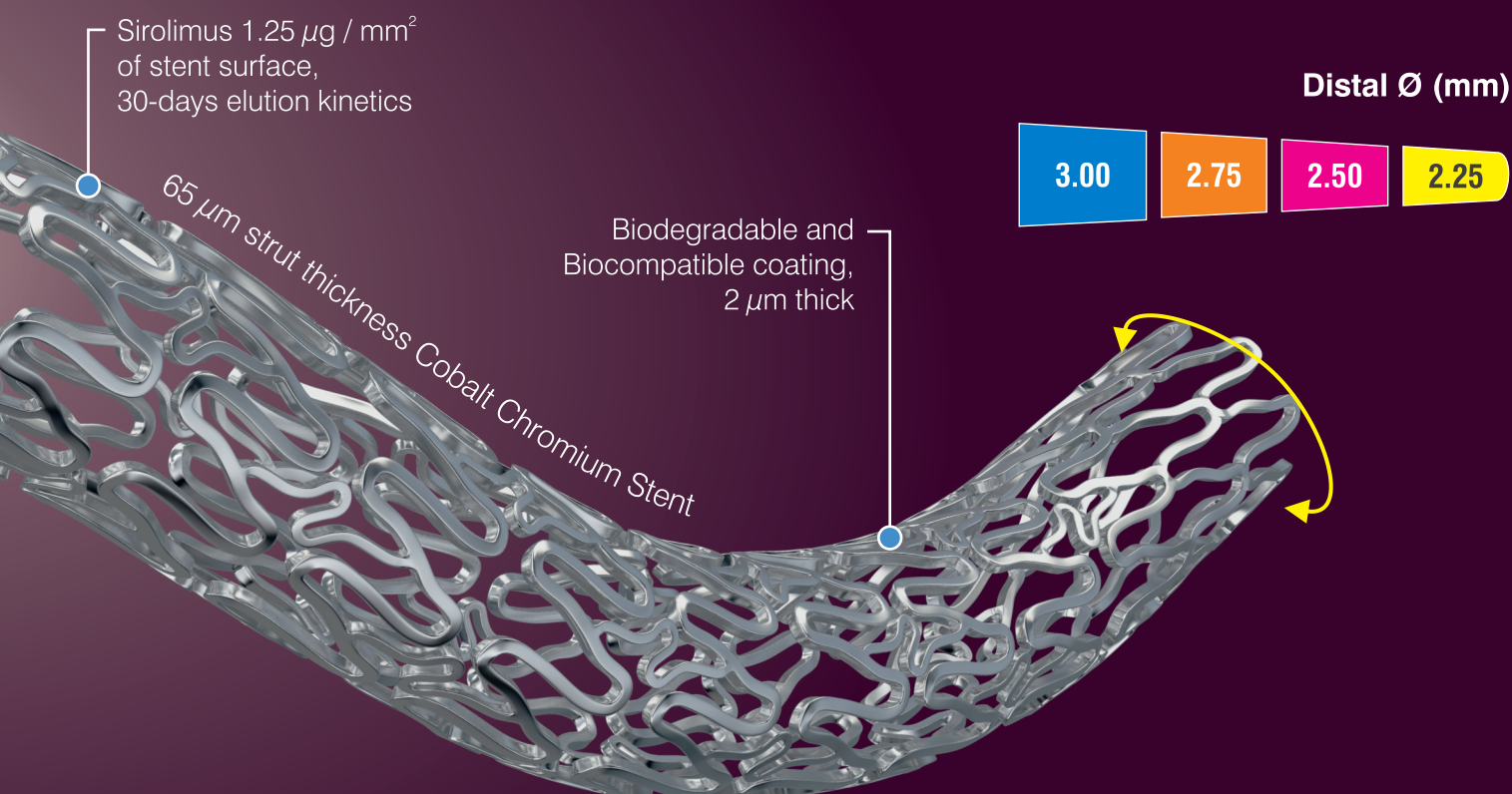
Novel Hybrid Design with Closed cells (on both ends of the stent) & Open cells (in the middle)

Side-Branch Access

Stent design with non-linear S links & Y connectors allows for high flexibility and adequate side branch access

Radial Strength

Strut width variability ensures optimal radial strength



Values are presented in n (%), MI=Myocardial Infarction, ID-TLR = Ischemia-Driven Target Lesion Revascularization, ST=Stent Thrombosis, MACE=Major Adverse Cardiac Event, TLF=Target Lesion Failure

BioMime™ Morph TECHNICAL SPECIFICATIONS

STENT

Stent Material	: Cobalt Chromium L605
Strut Thickness	: 65 μ m (0.065mm or 0.0026")
Stent Diameters (mm)	: 2.75-2.25, 3.00-2.50, 3.50-2.75, 3.5-3.00
Stent Lengths (mm)	: 30, 40, 50, 60
Mean Recoil	: <4%
Mean Foreshortening	: <1%

DRUG / POLYMER

Drug	: Sirolimus
Equivalent Drug Dose	: 1.25 μ g / mm ²
Polymer	: Biodegradable and Biocompatible

DELIVERY SYSTEM

Delivery System	: Rapid Exchange
Stent Diameter	: Crossing Profile
mm	mm / inches
2.75-2.25	0.93 / 0.037"
3.00-2.50	0.99 / 0.039"
3.50-2.75	1.03 / 0.040"
3.50-3.00	1.03 / 0.040"
Nominal Pressure	: 9 atm
Rated Burst Pressure	: 14 atm (Refer IFU for more details)
Balloon Overhang	: $\leq$ 0.5 mm
Shaft Outer Diameter	: Proximal: 2.13 F, Distal: 2.7 F (Refer IFU for more details)
Radiopaque Markers	: 2 - Platinum / Iridium
Usable Catheter Length	: 142 cm
Guide Catheter Compatibility	: 5F (Min. I. D. 0.056" / 1.42 mm)
Max. Guidewire	: 0.014" (0.36 mm)

BioMime™ Morph ORDERING INFORMATION

Diameter	Length			
Proximal - Distal	30 mm	40 mm	50 mm	60 mm
2.75-2.25 mm	BIM27522530	BIM27522540	BIM27522550	BIM27522560
3.00-2.50mm	BIM30025030	BIM30025040	BIM30025050	BIM30025060
3.50-2.75 mm	BIM35027530	BIM35027540	BIM35027550	BIM35027560
3.50-3.00 mm	BIM35030030	BIM35030040	BIM35030050	BIM35030060



More to Life

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