

PROFICIENT™ TECHNICAL SPECIFICATIONS

STENT

Stent Material	: Cobalt Chromium L605
Strut Thickness	: 65 µm (0.065mm or 0.0026")
Stent Diameters (mm)	: 2.50, 2.75, 3.00, 3.50, 4.00
Stent Lengths (mm)	: 8, 13, 16, 19, 24, 29, 32, 37, 40
Mean Recoil	: 3%
Mean Foreshortening	: 0.29%

DRUG / POLYMER

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

DELIVERY SYSTEM

Delivery System	: Rapid Exchange
Stent Diameter	: Crossing Profile
mm	mm / inches
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"
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 (2.13 F for stent length 44mm, 48mm) Distal 2.7 F (2.4 F for diameter 2.00 mm)
Radiopaque Markers	: 2 – Platinum / Iridium
Usable Catheter Length	: 140-142 cm
Guide Catheter Compatibility	: 5 F (Min. I. D. 0.056" / 1.42 mm)
Max. Guide Wire	: 0.014" (0.36 mm)

PROFICIENT™ STENT ORDERING INFORMATION

Dia / Length	8mm	13mm	16mm	19mm	24mm
2.50mm	PFN25008	PFN25013	PFN25016	PFN25019	PFN25024
2.75mm	PFN27508	PFN27513	PFN27516	PFN27519	PFN27524
3.00mm	PFN30008	PFN30013	PFN30016	PFN30019	PFN30024
3.50mm	PFN35008	PFN35013	PFN35016	PFN35019	PFN35024
4.00mm	PFN40008	PFN40013	PFN40016	PFN40019	PFN40024

Dia / Length	29mm	32mm	37mm	40mm
2.50mm	PFN25029	PFN25032	PFN25037	PFN25040
2.75mm	PFN27529	PFN27532	PFN27537	PFN27540
3.00mm	PFN30029	PFN30032	PFN30037	PFN30040
3.50mm	PFN35029	PFN35032	PFN35037	PFN35040
4.00mm	PFN40029	PFN40032	PFN40037	PFN40040



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Sirolimus Eluting Coronary Stent System

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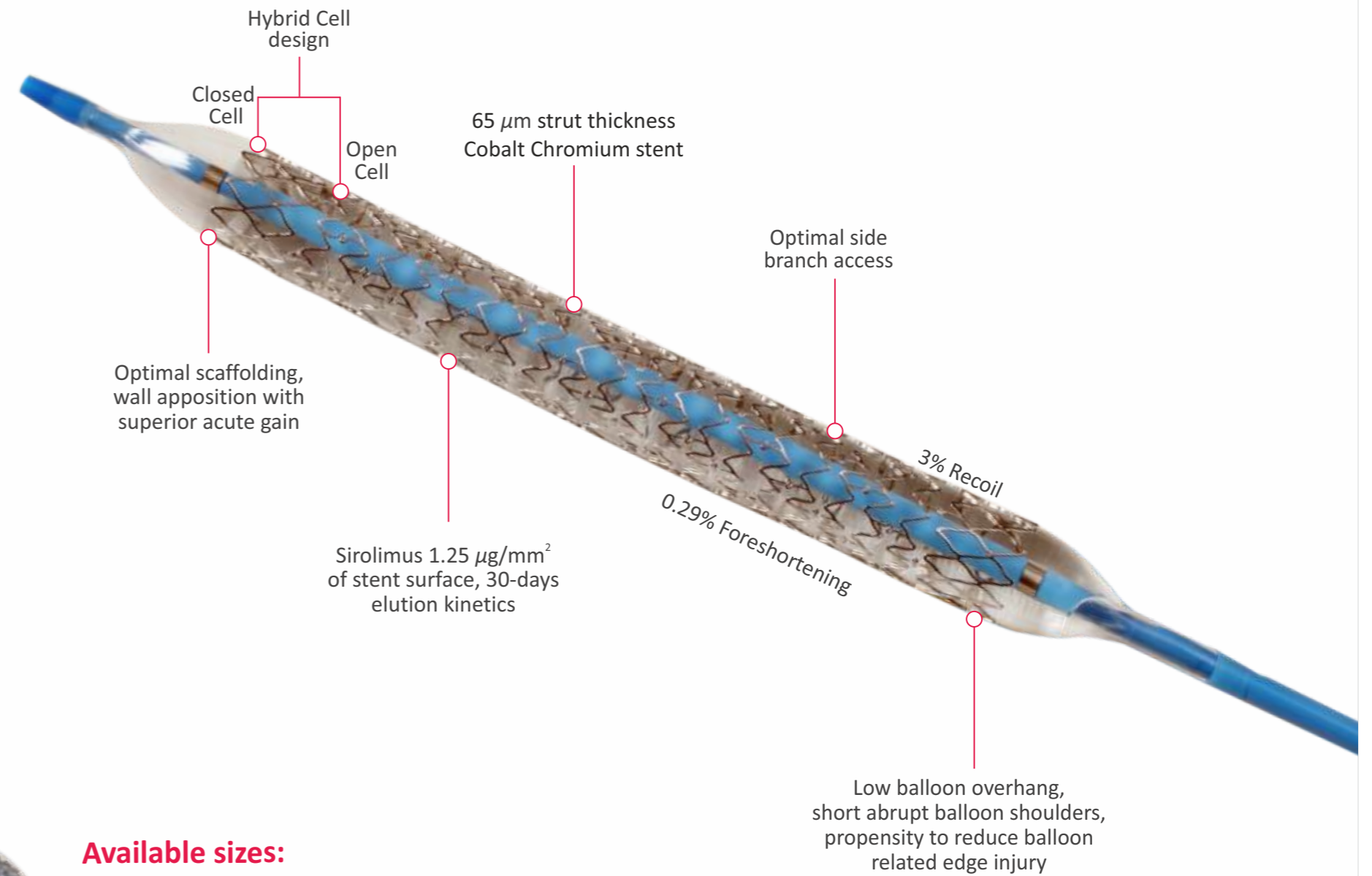
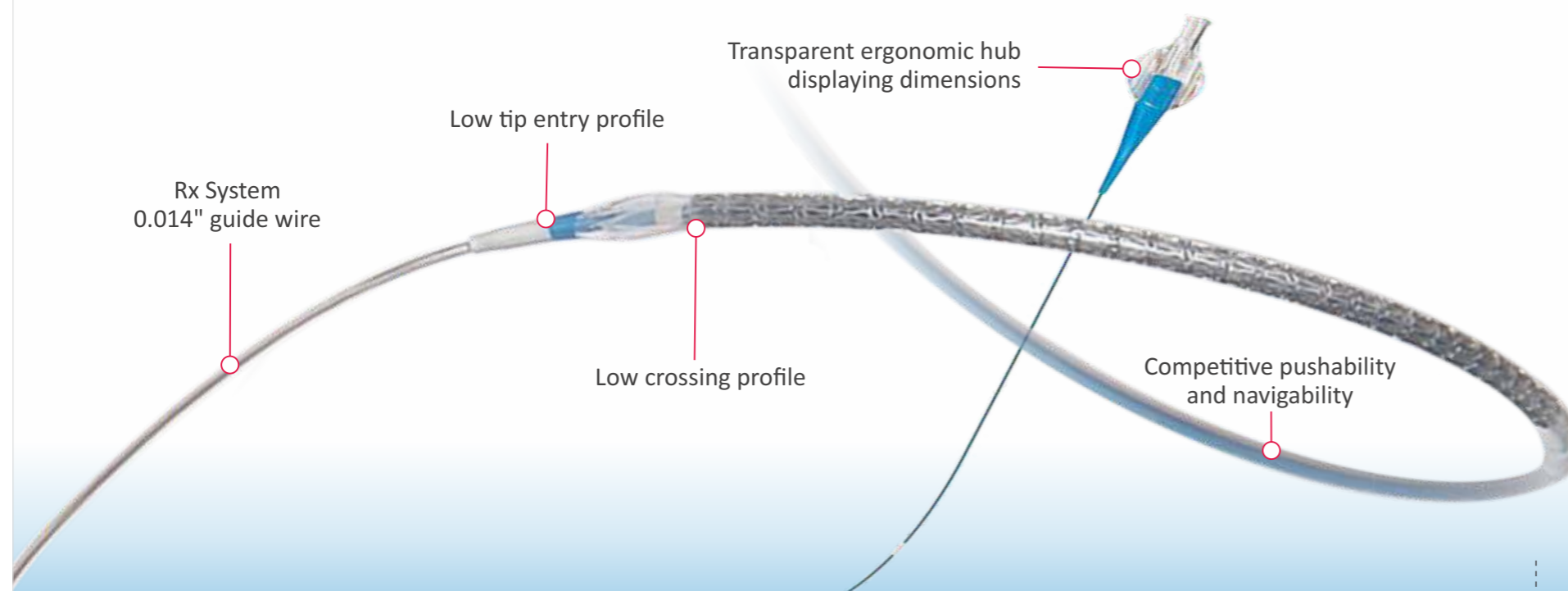
ProficientTM

Sirolimus Eluting Coronary Stent System



Unique Approach in Stent Engineering

- ❖ Intelligent hybrid of open and closed cells allows for low strut thickness.
- ❖ Unique strut width variability for high radial force.
- ❖ Unique crimping process that results in high stent dislodgment force of >7ATM.
- ❖ Clinically established anti-proliferative drug - Sirolimus ($1.25 \mu\text{g}/\text{mm}^2$).
- ❖ Biocompatible and biodegradable polymer base elute drug in ~30 days.
- ❖ Highly flexible and deliverable system to negotiate extreme vessel tortuosity.



Available sizes:

Diameters - 2.50, 2.75, 3.00, 3.50, 4.00 mm
Lengths - 8, 13, 16, 19, 24, 29, 32, 37, 40 mm