InSitu Technologies® Inc.

Extending Life and Improving Health™

PRODUCT CATALOG

Global Impact of Our Clinically Proven Implant Devices

Worldwide Adoption of Proven Technology

Thousands of implants across the globe utilize our advanced technology, which is designed to enhance luminal patency. The consistent performance of our devices has established them as a trusted solution for healthcare professionals seeking reliable outcomes in various medical procedures.

Minimizing Risks in Emergency and Iatrogenic Events

Our devices are engineered to reduce risks associated with emergency procedures and iatrogenic events. By improving arterial patency, they help ensure safer interventions and contribute to better patient outcomes. Clinicians can depend on our technology to provide safety and reliability in critical situations.

Enhancing Patient Health and Quality of Life

With a presence in hospitals and clinics worldwide, our devices are implanted to not only improve arterial patency but also to positively impact patients' lives and overall health. Each implantation reflects our commitment to clinical excellence and the ongoing improvement of healthcare standards.

Thousands of implants worldwide rely on our proven technology, and improving luminal patency. Minimize your risk in emergency procedure, iatrogency events and improve the patency of the arteris with our safe, reliable, and clinically proven devices.
Our Devices are implanted worldwide to improve patients lives and improve their health.

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Scan to see our product portfolio on web

Company Profile

InSitu Technologies® Inc. is a privately held medical device company specializing in covered stents, drug eluting stents, balloon catheters and other cardiovascular products. The unique design and ingenuity of our products is the direct result of collaboration with physicians from all around the world. We are dedicated to providing state-of- the-art and minimally invasive products that are carefully engineered with patented and proprietary designs. Our covered stents are known worldwide, and have earned the trust of doctors as the preferred choice.

With a strong focus on the well-being of our patients, we are devoted to extending lives and improving health.

InSitu Technologies® Inc. is headquartered in Eagan, Minnesota, USA, with distributors in over 50 countries worldwide.

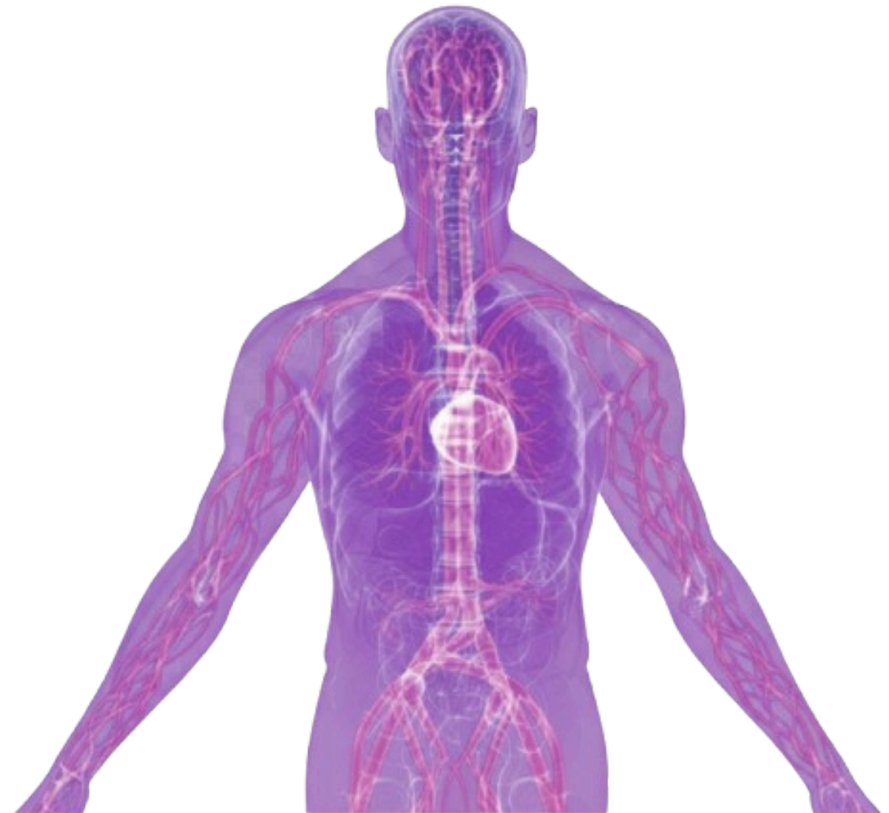
Mission Statement

InSitu Technologies® Inc. is devoted to extending the lives of our patients. We strive to meet the needs of our customers by engineering minimally invasive devices of the highest quality.

Quality Policy

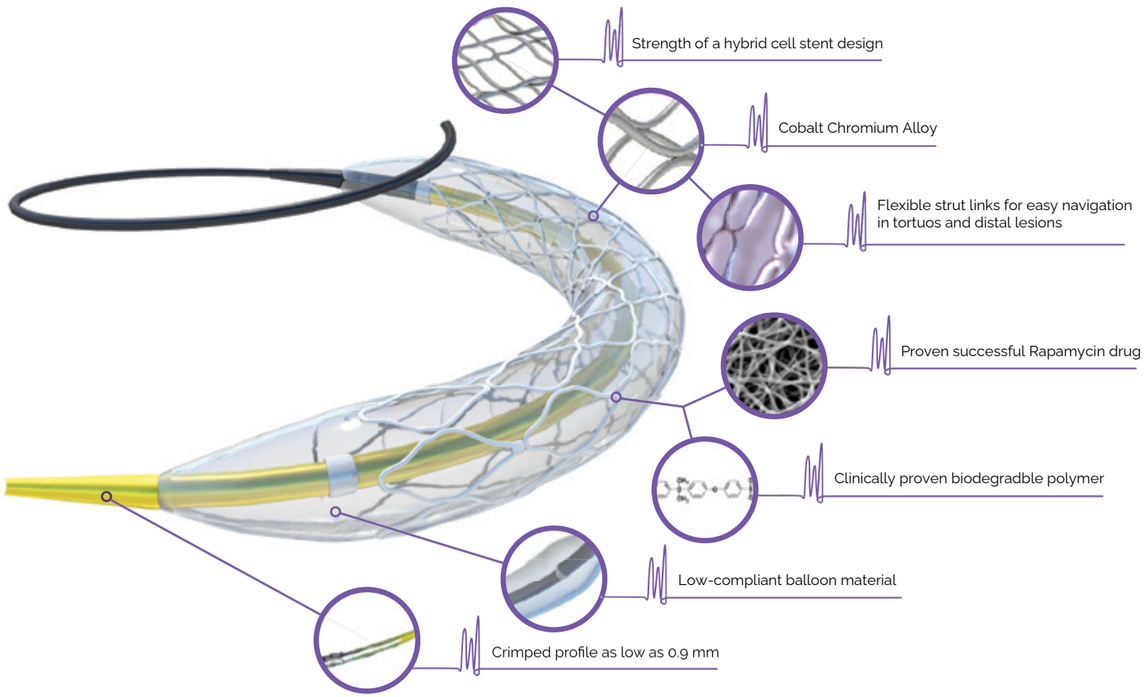
InSitu Technologies® Inc. is committed to delivering safe and effective designs and manufacturing solutions for intravascular medical devices that conform to regulatory and customer requirements. We achieve these results through our dedicated employee focus on quality, compliance to regulatory requirements, maintaining our commitment to Quality System effectiveness, policies, and key quality objectives.

Coronary
DEVICES



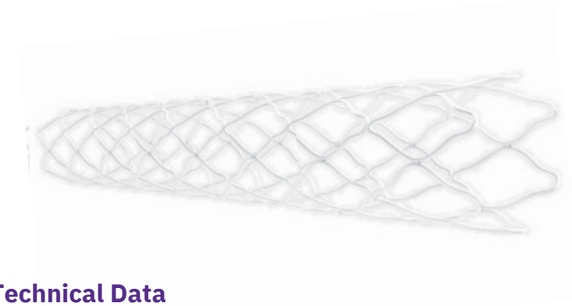
SIRO™ Drug Eluting Stent

Coronary Sirolimus Drug Eluting Stent



- *Reliability and security unite*
- *Clinically proven results in patients worldwide**
- *SIROTM combines our trusted Direct-Stent® platform with the clinically proven Sirolimus drug.*

*Clinical Evaluation Report - WR2-CER002-V600



From small vessels to long lesions, SIRO™ is the answer.

Technical Data

Specifications	Description
Stent Design	Hybrid Design - Open and closed cell
Stent Material	L605 Cobalt Chromium Alloy
Wall Thickness	0.08 mm / 0.003"
Strut Width	0.07 mm
Balloon System	Rx Rapid Exchange Balloon Catheter
Balloon Material	Low Compliant – Nylon Blend
**Nominal Pressure	10 ATM
Rated Burst Pressure	16 ATM
*Minimum Guiding Catheter	5F (2.0 - 4.0 mm Diameter) ; 6F (4.5 - 5.0 mm Diameter)
Drug	Sirolimus Analogue
Dose	1.4 µg/mm2
Polymer	Biodegradable Stable Polymer
Crimped Profile	0.9 - 1.2 mm
Tip Entry Profile	0.017"
Delivery Catheter Length	~ 142 cm

*See individual manufacturer for Guide Catheter Fr equivalent
** Assure full deployment of stent. Deployment pressures should be based on lesion characteristics.

Ordering Information

Stent Diameter (mm)	**Stent Length** (mm)
2.0	08, 13, 18, 23, 28, 33, 38
2.25	08, 13, 18, 23, 28, 33, 38
2.5	08, 13, 18, 23, 28, 33, 38, 43, 48
2.75	08, 13, 18, 23, 28, 33, 38, 43, 48
3.0	08, 13, 18, 23, 28, 33, 38, 43, 48
3.5	08, 13, 18, 23, 28, 33, 38, 43, 48
4.0	08, 13, 18, 23, 28, 33, 38
4.5**	13, 18, 23, 28, 33
5.0**	13, 18, 23, 28, 33

**Custom Orders only

Ordering Number

70 | **Stent Diameter** (with no decimal point) | **Stent Length**

For example:
Stent Diameter: 2.25
Stent Length: 08
=> Ordering number: 7022508

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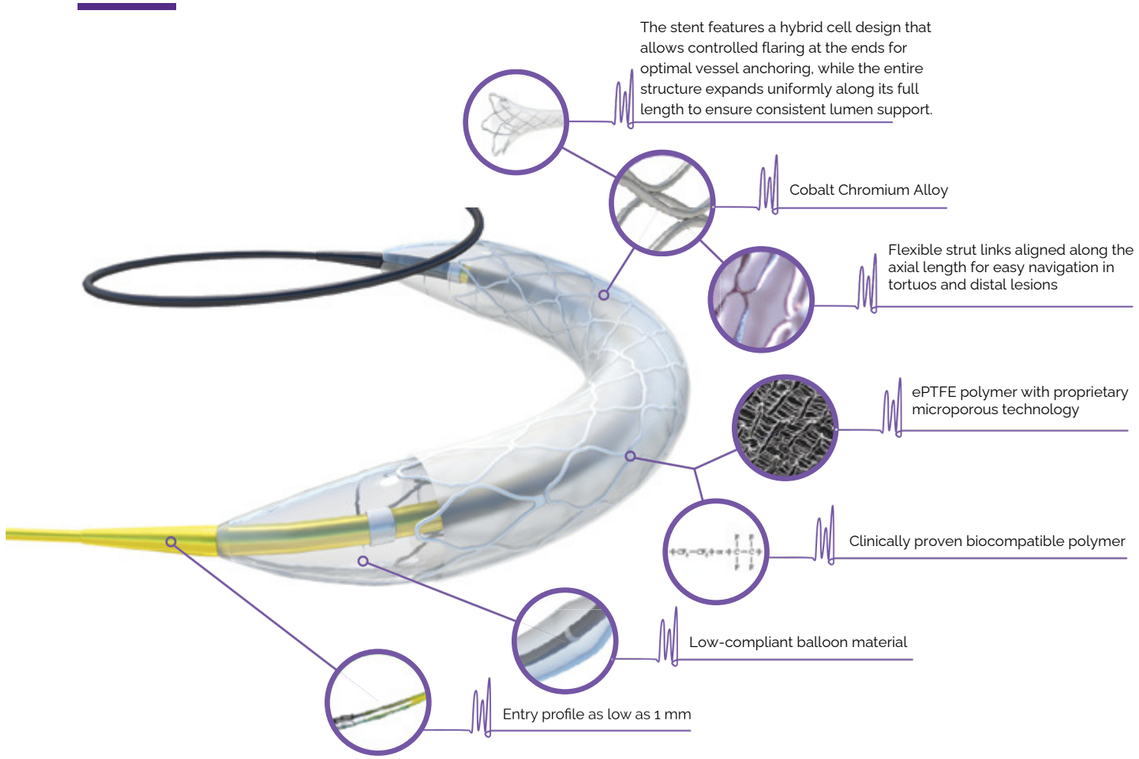
CELOSIA™ Coronary Covered Stent™

Celosia Coronary Covered Stent™



- *Mono layer stent graft with a U.S. patented intravascular hybrid open-closed cell design*
- *Clinically proven results in patients worldwide**
- *ePTFE porous membrane*

"Single-Center Non-Randomized Clinical Evaluation of the Safety and Reliability of the Celosia™ Covered Stent in Patients with Severe Coronary Occlusions" - Report on file

Minimize Your Risk.
Let Us Cover You.

Technical Data

Specifications	Description
Stent Design	Direct-Stent® - Patented Hybrid Cell Design, Stent Ends Flarable
Stent Material	L605 Cobalt Chromium Alloy
Stent Covering Polymer	ePTFE Microporous Polymer, IND 90 - 120 µm
Wall Thickness	0.08 mm / 0.003"
Balloon System	Rx Rapid Exchange Balloon Catheter
Balloon Material	Semi-Compliant – Nylon Blend
Optimal Deployment Pressure	10 ATM
**Nominal Pressure	10 ATM
Rated Burst Pressure	16 ATM
Shaft Size (Proximal/Distal)	2F/2.7F
*Minimum Guiding Catheter	5F (2.25 - 3.5 mm Diameter); 6F (4.0 - 6.0 mm Diameter)
Crimped Profile	1.0 - 1.4 mm
Tip Entry Profile	0.017"
Recommended Guirewire	0.014"
Delivery Catheter Length	142 cm
Stent Length	10 - 38 mm
Stent Ends Flaring	2.25, 2.5, 2.75 >>> 3.5 mm; 3.0, 3.5, 4.0 >>> 5 mm
Radial Force	3 - 2.5 mm | 1.3N Force

** See individual manufacturer for Guide Catheter Fr equivalent*
*** Assure full deployment of stent. Deployment pressures should be based on lesion characteristics.*

Ordering Information

Stent Diameter (mm)	**Stent Length** (mm)
2.25	10, 13, 16, 19, 23, 26, 30
2.5	10, 13, 16, 19, 23, 26, 30, 34, 38
2.75	10, 13, 16, 19, 23, 26, 30, 34, 38
3.0	10, 13, 16, 19, 23, 26, 30, 34, 38
3.5	10, 13, 16, 19, 23, 26, 30, 34, 38
4.0	10, 13, 16, 19, 23, 26, 30, 34, 38
4.5	15, 19, 23, 26, 30, 34, 38
5.0	17, 20, 24, 27, 34

Ordering Number

76 | **Stent Diameter** (with no decimal point) | **Stent Length**

For example:
Stent Diameter: 2.25
Stent Length: 10
=> Ordering number: 7622510

The content in this brochure is provided for informational purpose only and is not intended or recommended as a substitute for educational professional medical advice or diagnosis purposes. The information is for use only in countries with applicable health authority product registration.

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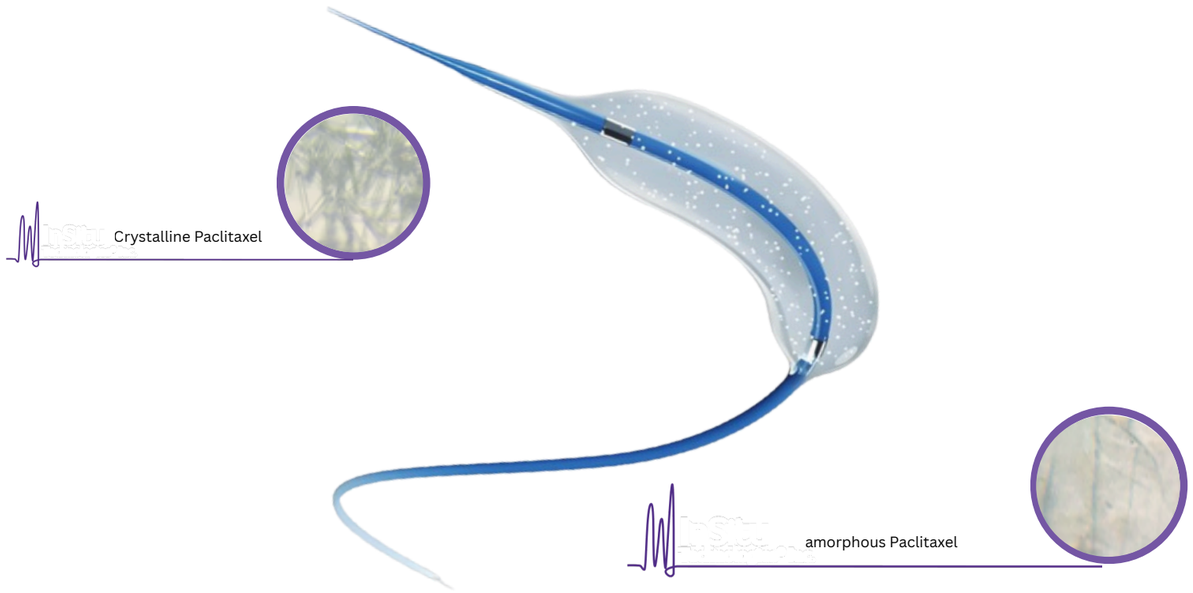
AaRiss™

Drug Eluting Balloon



- *Clinical evidence shows a low rate of restenosis*
- *The unique paclitaxel coating technology reduces drug loss and achieves a high release rate in target vessels*
- *Non-expedition design*
- *Different drug dose can be used for coronary artery stenosis (3μg/mm²) and intracranial artery stenosis (2μg/mm²)*

Technical Data

Specifications	Description
Balloon System	Rapid Exchange
Balloon Material	Semi-compliant Polymer (Paclitaxel Coated)
Balloon Fold	Tri-Fold Design
Compliance	Semi-compliant
Markerbands	Two marker bands
**Nominal Pressure	6 atm
Rated Burst Pressure	14 atm
Shaft Size (Proximal/Distal)	Proximal: 0.68 ± 0.05 mm Distal: 0.90 ± 0.10 mm
*Minimum Guiding Catheter	5F
Tip Entry Profile	Low profile soft tapered tip for smooth lesion entry
Recommended Guidewire	0.014"
Delivery Catheter Length	142 ± 4 cm
Depth Markings	for accurate positioning under fluoroscopy
Balloon Diameter	2.00-4.00 mm
Balloon Length	6mm-40mm

** See individual manufacturer for Guide Catheter Fr equivalent*
*** In Vitro testing data. Balloon Catheter may be affected by lesion characteristics.*

AaRiss™ Ordering Information

Balloon Diameter (mm)	Balloon Length (mm)
2.0	06, 08, 10, 12, 15, 20, 35, 40
2.25	06, 08, 10, 12, 15, 20, 25, 30, 35, 40
2.5	06, 08, 10, 12, 15, 20, 25, 30, 35, 40
2.75	06, 08, 10, 12, 15, 20, 25, 30, 35, 40
3.0	06, 08, 10, 12, 15, 20, 25, 30, 35, 40
3.25	06, 08, 10, 12, 15, 20, 25, 30, 35, 40
3.5	06, 08, 10, 12, 15, 20, 25, 30, 35, 40
3.75	06, 08, 10, 12, 15, 20, 25, 30, 35, 40
4.0	06, 08, 10, 12, 15, 20, 25, 30, 35, 40

92 **Balloon Diameter** (with no decimal point) **Balloon Length**

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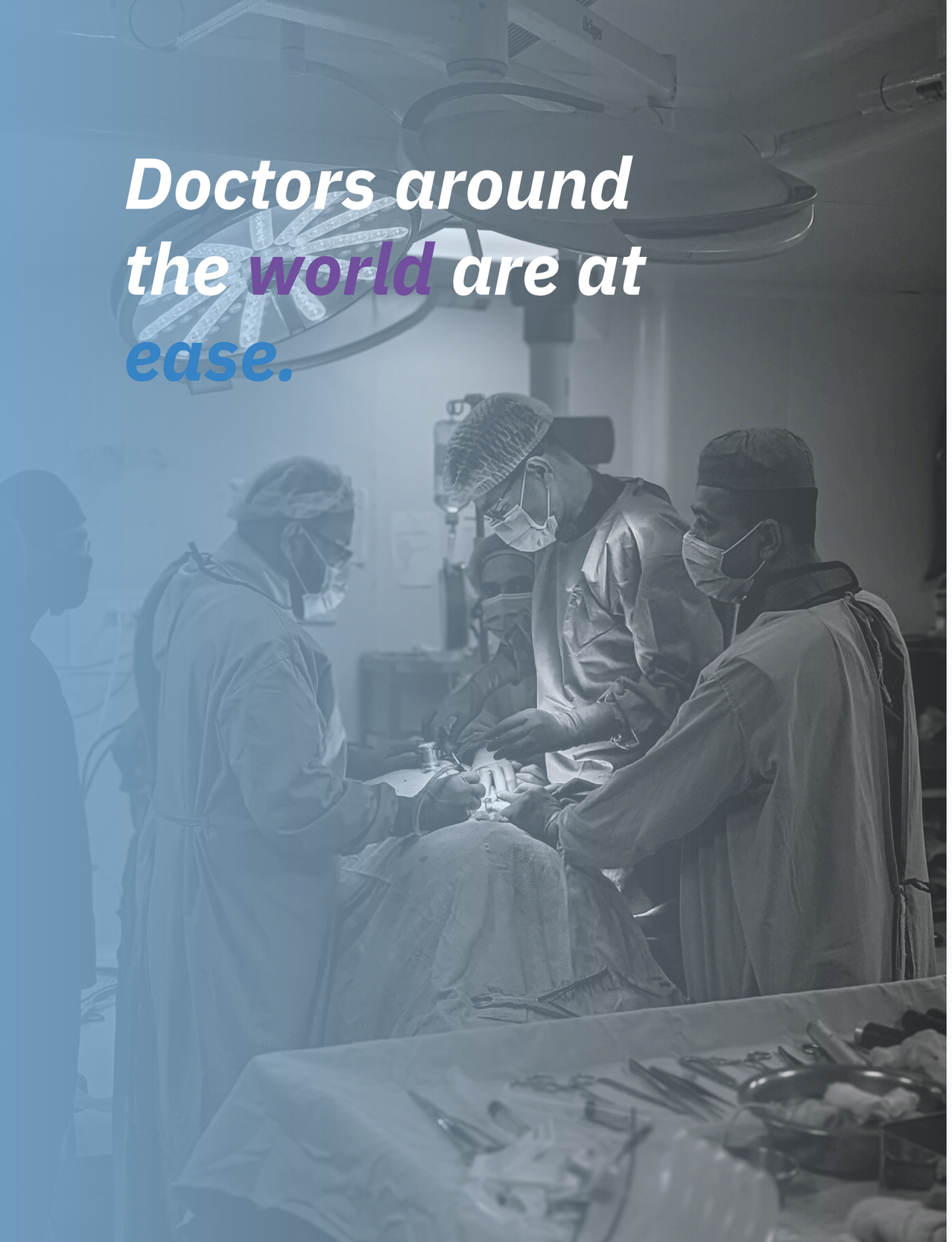
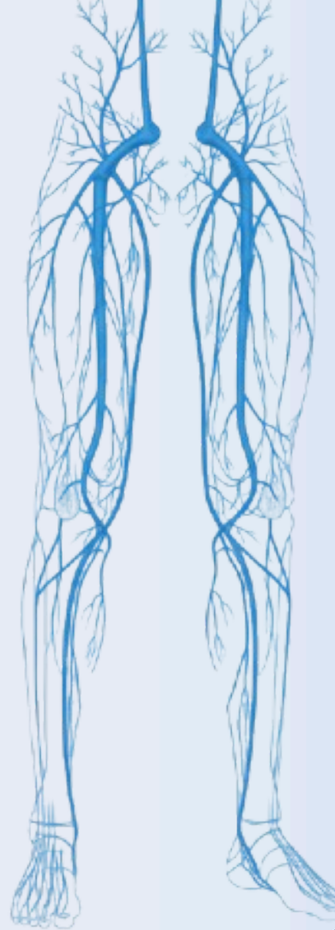
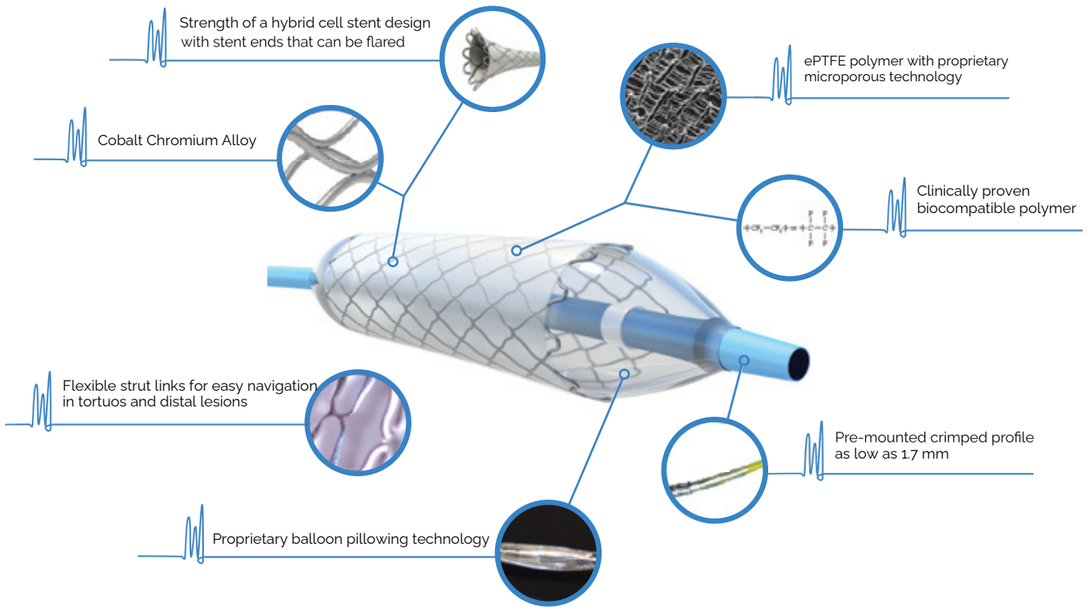


Doctors around the world are at ease.



Peripheral
DEVICES

SILENE
Peripheral Covered Stent™
Mono Layer Covered Stent



- *A versatile stent to treat a wide range of vascular pathologies Clinically proven results in patients worldwide**
- *"Even in the most dicult anatomical conditions we could appreciate the properties of the Silene stent. In particular , the low prole which allowed us easy access from the humeral site, the excellent navigability and the precision of release, the possibility of overdilation and high radial force."***

*Case Study Report on file
**Dr Roberto Chiappa - *Caterina Del Principe - ORE 12 Italia*

Choose Reliability.
Choose Silene.

Technical Data

Specifications	Description
Stent Design	Direct-Stent® - Patented Hybrid Cell Design
Stent Material	L605 Cobalt Chromium Alloy
Stent Covering Polymer	ePTFE Microporous Polymer, IND 90 - 120 µm
Wall Thickness	0.08 mm/0.003"
Balloon System	Over the Wire (OTW)
Balloon Material	Semi-Compliant – Nylon Blend
Optimal Deployment Pressure	9 ATM
**Nominal Pressure	7 ATM
Rated Burst Pressure	10 ATM
Shaft Size	5/6F Ø6 - 7 mm: 6Fr; Ø8 - 9 mm: 8Fr; Ø10 - 12
*Minimum Sheath Size	mm: 9Fr
Pre-mounted Profile	1.7 - 3.0 mm
Tip Entry Profile	0.039"
Recommended Guirewire	0.035"
Delivery Catheter Length	~ 130 cm
Stent Length	14 - 70 mm
Stent Ends Flaring	6.7 >>> 9 mm; 8, 9, 10 >>> 14 mm; 12 >>> 16 mm
Radial Force	10 - 9 mm | 2.0N Force

** See individual manufacturer for Sheath Size Fr equivalent*
*** Assure full deployment of stent. Deployment pressures should be based on lesion characteristics.*

Ordering Information

Stent Diameter (mm)	**Stent Length** (mm)
6.0	15, 25, 35, 50, 70
7.0	15, 25, 35, 50, 70
8.0	15, 24, 32, 50, 70
9.0	15, 24, 32, 50, 70
10.0	15, 23, 31, 48, 65
12.0	14, 23, 31, 48, 65

Ordering Number

75 | **Stent Diameter** (with no decimal point) | **Stent Length**

For example:
Stent Diameter: 6.0
Stent Length: 15
=> Ordering number: 756015

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InSitu Technologies® Inc. is headquartered in Eagan, Minnesota, USA with dealers and branch offices in over 40 countries throughout the world. Our network of distributors spans twenty five years and six continents. Our relationship with our doctors were built on strong foundation and solid relationships with our valued partners.

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For educational purposes

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