

CLAUD^{EX} Peripheral Self-Expandable Stent Below the Knee

TECHNICAL SPECIFICATIONS

Description	Self-Expandable Nitinol Stent System
Material	Nickel titanium alloy
Recommended Vessel Diameter	<ul style="list-style-type: none"> • 2.0 – 3.0 mm for 3.5 mm stent diameter • 3.0 – 4.0 mm for 4.5 mm stent diameter
Lengths	15 mm 35 mm
Visibility	3 gold x-ray markers at each end

Stent Delivery System

Description	PTA Balloon Catheter Semi-Compliant OTW
Recommended Guidewire	0.014" (0.36 mm)
Recommended Introducer Sheath	4 F - 5 F
Nominal Pressure	1.25 mm to 5 mm - 9 bar
Rated Burst Pressure (RBP)	18 bar
Working Catheter Length	120 cm 150 cm
Platinum X-ray Marker	One marker at proximal and distal end of balloon
Low Entry Profile	0.45 mm (0.018")
Balloon Material	Nylon
Hydrophilic Coating	400 mm distal

ORDER INFORMATION

Diameter (mm)	Length (mm)	
	15	35
3.5	BTK3515	BTK3535
4.5	BTK4515	BTK4535

CE PENDING FOR USE WITH PTA BALLOON CATHETER 0.014"



Our Micro-Invasive Strategy is focused on moving all devices to smaller profile and modified micro-lumen introduction to address clinical complications associated with access, port site entry, bleeding, and reentry with the potential to eliminate the need for closure devices and the integration of stenting and dilation procedures when possible.

FEATURES

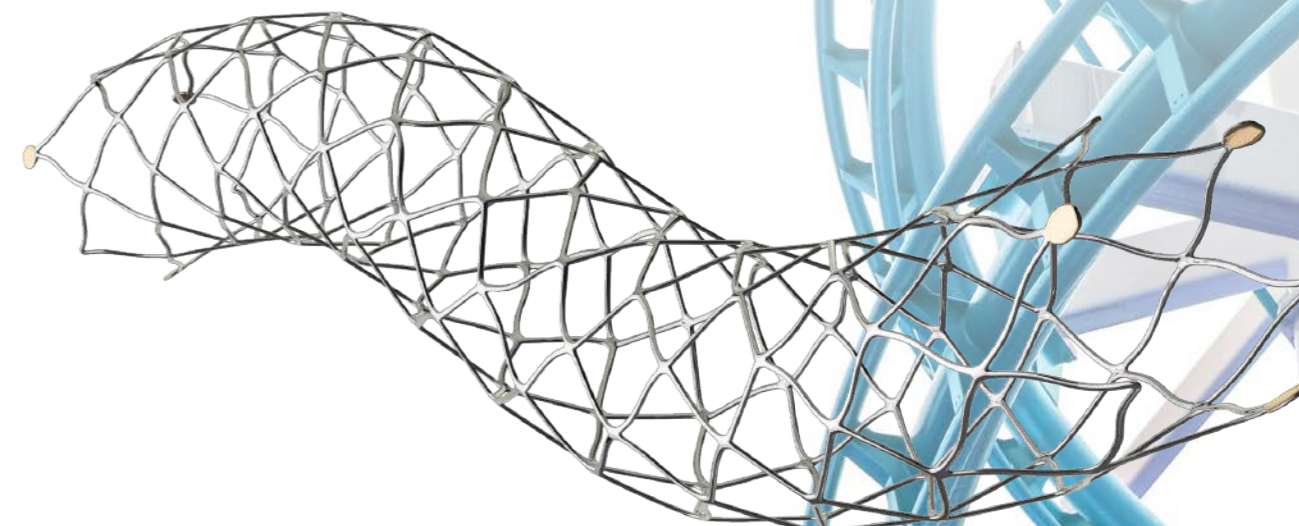
- > Reduce puncture site diameter
- > Minimal device profile
All devices are 5F or smaller
- > Reducing the procedure time
- > Reducing thrombogenicity
- > Less complications

OUTCOMES

- > Improve the results
- > Reduce the cost

»amg» International
The Stent Company

CLAUD^{EX} Peripheral Self-Expandable Stent Below the Knee



Laser-cut Nitinol stent

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Status
November 2015
PS ClaudEx_01
Made in Germany



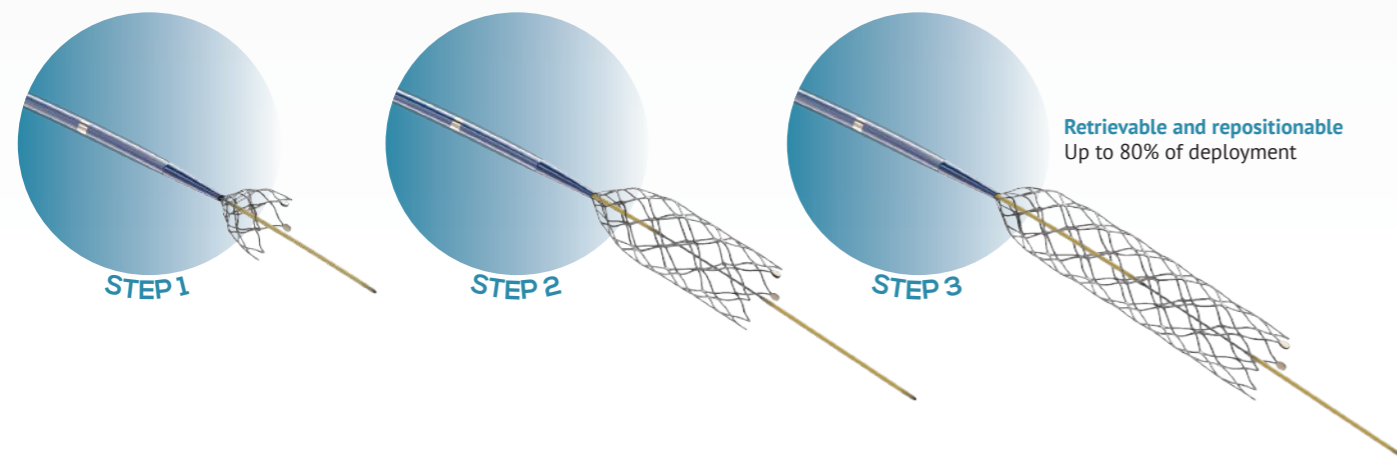
CLAUD^{EX} Peripheral Self-Expandable Stent Below the Knee

The **CLAUD^{EX}** Peripheral Self-Expandable Stent is a **highly flexible** self-expanding, laser-cut Nitinol stent, preloaded onto a transport wire in an introducer.

The sleek surface of the transport wire changes into a unique checkered surface, perceptible visually and by touch, at the fluoroscopy marker point, to enhance the grip and push for a controlled and safe placement of the CLAUD^{EX} Peripheral Self-Expandable Stent.

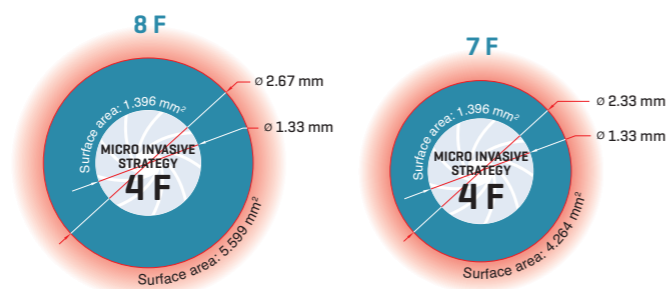
CLAUD^{EX} Stent and PTA Balloon Catheter 0.014"

Steps: Up to 80% of its deployment is retrievable and repositionable when using the PTA Balloon Catheter 0.014"

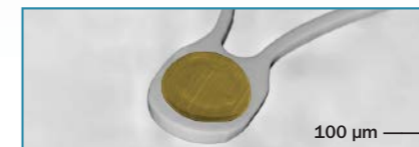
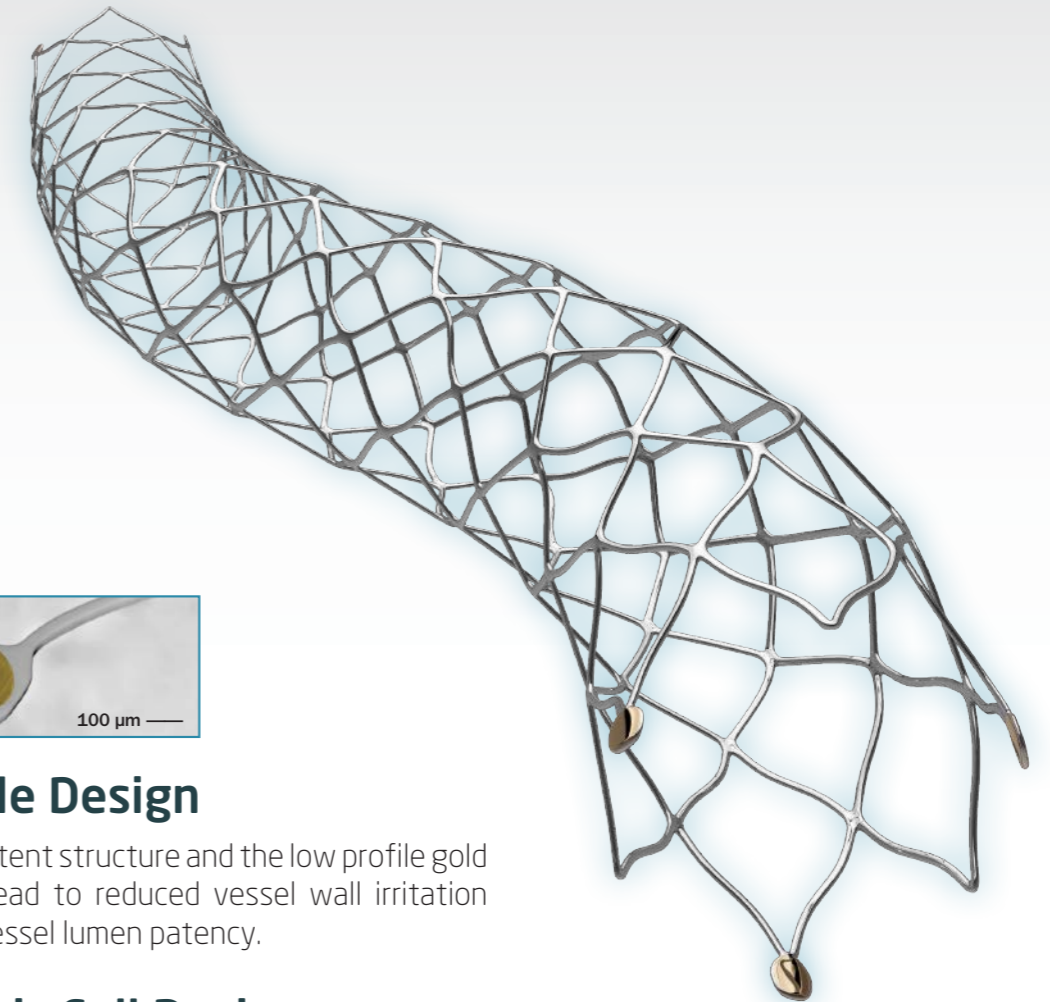
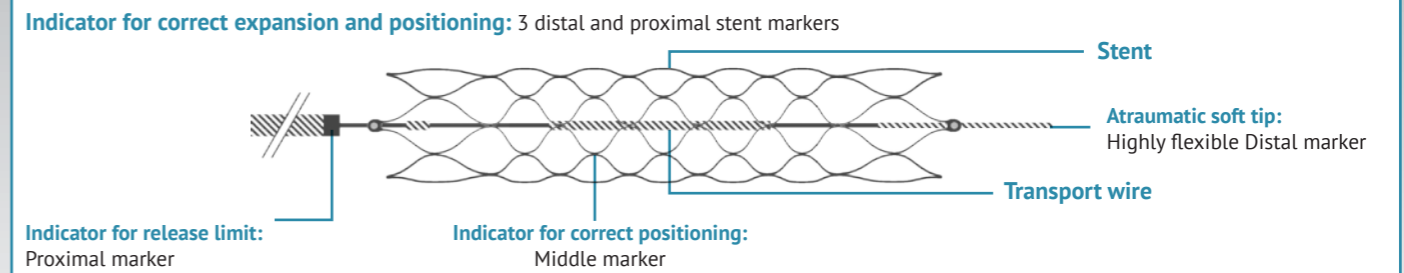


KEY FEATURES & BENEFITS

- ↪ **Suitable for vessel** diameter range 2 - 4 mm
- ↪ **Retrievable and repositionable** up to 80% of its deployment
- ↪ **Conformable and flexible** closed cell design optimized for curved vessels
- ↪ **Low profile** stent structure and radiopaque gold markers
- ↪ **Less friction during delivery** due to smooth e-polished surface



STENT SYSTEM FEATURES



Low Profile Design

The low profile stent structure and the low profile gold X-ray markers lead to reduced vessel wall irritation and maximum vessel lumen patency.

Asymmetric Cell Design

The new optimised asymmetric cell design ensures an improved vessel wall apposition and conformability even in tortuous vessel anatomies as well as an enhanced expansion behaviour of the stent.

Radiopaque Marker Concept

Three gold X-ray markers on each end of the CLAUD^{EX} Stent provide a permanent control of the position and the expansion behaviour of the device. Three transport wire markers allow increased visibility during positioning and a safe and precise placement under fluoroscopy. The proximal transport wire marker indicates the point up to which the stent can be repositioned.

E-Polished Surface

The smooth e-polished surface ensures less friction during delivery. Moreover, this finishing contributes to better corrosion resistance which may lead to lower thrombogenicity.