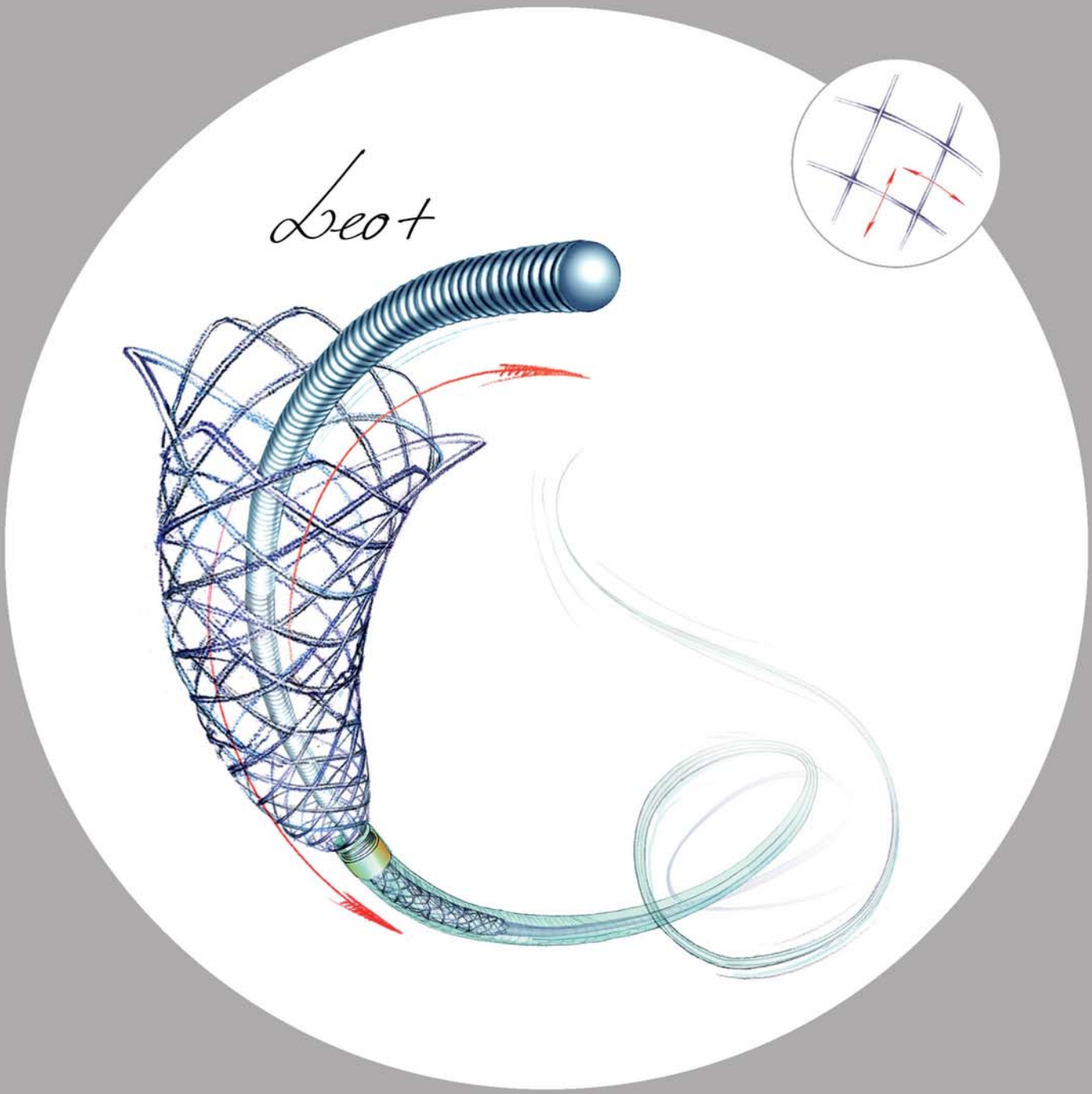
LEO PLUS

NEXT GENERATION SELF-EXPANDING INTRACRANIAL STENT



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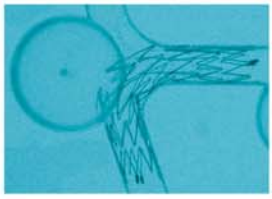
LEO PLUS

EXCEPTIONAL PERFORMANCE MADE EASY

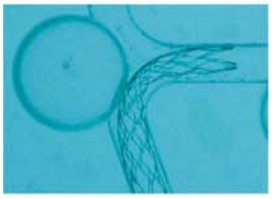
A PLUS FOR NAVIGATING TORTUOUS VASCULAR ANATOMY: FINE BRAIDED WIRES

The self-expanding LEO PLUS intracranial stent is designed specifically for the reconstruction of wide-necked post-carotid siphon aneurysms. Unlike open- or closed-cell stents, it is made of very fine, braided nitinol wires that slide smoothly onto each other when the stent is bent or compressed, even in acute angles. This - and a 30% higher radial force* - assures continuous wall apposition and conformability.

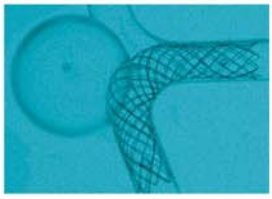
The advantage of the LEO PLUS is that ultra-fine sliding braided wires cannot form a jagged prolapse at the convexity or crimp in the concavity when bent at an angle.



Open-cells stents



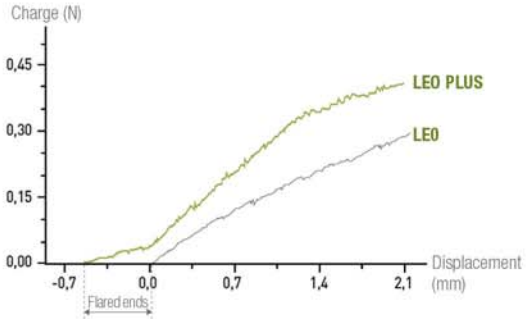
Closed-cells stents



LEO PLUS

A PLUS FOR STENOSIS TREATMENT AND COILS SUPPORT: 30% HIGHER RADIAL FORCE*

The 30% higher radial force also provides outstanding coil mass support and reduces the possibility of stent displacement after deployment. Thanks to its improved radial force, LEO Plus is also indicated for intracranial stenosis treatment and has the CE certification for this indication.

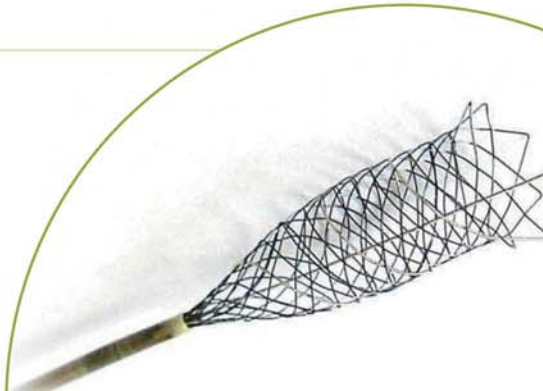


A PLUS FOR EASE OF USE: A GUIDEWIRE

The LEO PLUS stent comes pre-loaded onto its own guidewire, inside an introducer. The guidewire allows you to perform manipulations distal to the stent. Because it remains in place after the positioning of the stent, you can use the guidewire to introduce a remodelling balloon, or to install a second stent.

A PLUS FOR ULTRA-PRECISE PLACEMENT: EASY STENT RECAPTURE

The delivery procedure for the LEO PLUS is similar to a coil delivery: the stent on its guidewire is loaded and pushed into the delivery catheter after navigation, which makes navigation that much simpler. More importantly, the guidewire and delivery system allow you to recapture and reposition the LEO PLUS stent when it is up to 90% deployed.



A PLUS FOR BETTER HEMODYNAMICS: FLARED ENDS

The extremities of the LEO PLUS are flared to enhance apposition of the implanted stent to the wall of the vessel*. If the stent is implanted in a vessel of too small a diameter, the flaring avoids the " tulip " effect, considerably reducing the risks of thrombosis, and facilitating re-access through the stent.

Because of the braided-wire technology, the ends of the LEO PLUS are rounded and, thus, atraumatic.

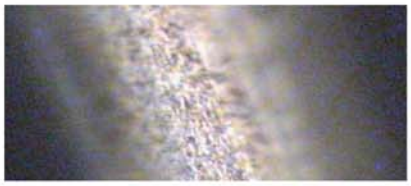
A PLUS FOR IMPROVED CONTROL: HIGHER VISIBILITY

Two longitudinal radio-opaque platinum wires run the entire length of the LEO PLUS. This makes it the only nitinol stent on the market whose complete body is visible from end to end using conventional fluoroscopy. The better you see, the more control you have.

A PLUS FOR SMOOTHER PROCEDURES: SMOOTHER WIRE SURFACE *

A significantly more lubricious surface* - without surface additives - improves all facets of the stent's functioning. Reduced friction:

- increases flexibility in tight, tortuous vessels.
- makes for an even tighter fit to parent vessel walls.
- facilitates re-access.



LEO

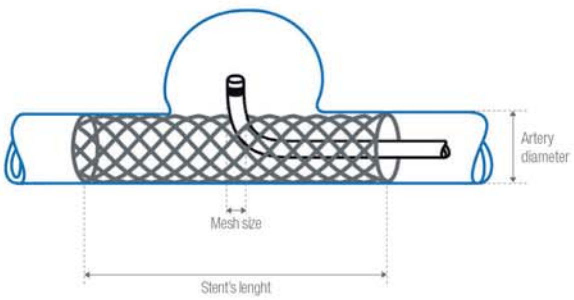
LEO PLUS

* Compared to original LEO stents

LEO PLUS

EXCEPTIONAL PERFORMANCE MADE EASY

	REFERENCE	ARTERY DIAMETER (MM)	STENT'S LENGTH (AT NOMINAL DIAMETER) (MM)	DELIVERY CATHETER	STENT'S MESH SIZE
LEO.2,5	LEO.2,5 x 12	2,00 to 3,10	12	VASCO+21 (2.4F)	1,9F
	LEO.2,5 x 18		18		
	LEO.2,5 x 25		25		
LEO.3,5	LEO.3,5 x 12	3,10 to 4,25	12	VASCO+21 (2.4F)	1,9F
	LEO.3,5 x 18		18		
	LEO.3,5 x 25		25		
	LEO.3,5 x 30		30		
	LEO.3,5 x 35		35		
NEW	LEO.3,5 x 50		50		
LEO.4,5	LEO.4,5 x 15	4,25 to 5,30	15	VASCO+25 (3.0F)	2,1F
	LEO.4,5 x 20		20		
	LEO.4,5 x 25		25		
	LEO.4,5 x 30		30		
	LEO.4,5 x 40		40		
	LEO.4,5 x 50		50		
NEW	LEO.4,5 x 75		75		
LEO.5,5	LEO.5,5 x 25	5,30 to 6,50	25	VASCO+28 (3,3F)	2,7F
	LEO.5,5 x 30		30		
	LEO.5,5 x 35		35		
	LEO.5,5 x 50		50		
	LEO.5,5 x 60		60		
	LEO.5,5 x 75		75		



Each reference is a set containing : 1 stent + 1 delivery catheter + accessories.

As for any other self-expanding stent, the LEO PLUS stent's diameter has to be bigger than the artery's: this is already taken into account in the reference.

For example, a LEO**4.5**x25 has a **5.5**mm diameter.

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