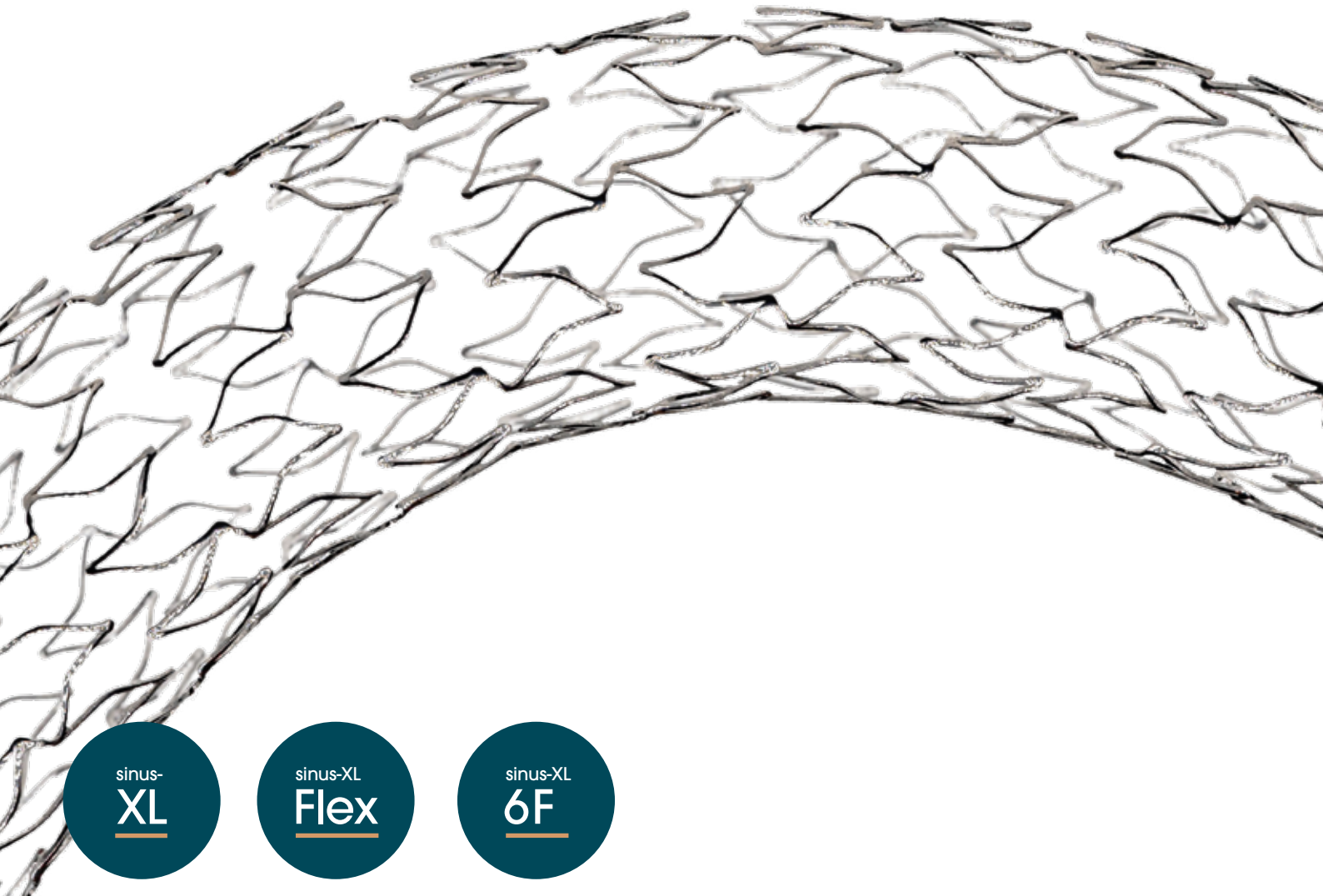
optimed

sinus-XL Family

THE ONLY BARE-METAL STENTS INDICATED FOR USE IN BOTH THE AORTA AND VENA CAVA

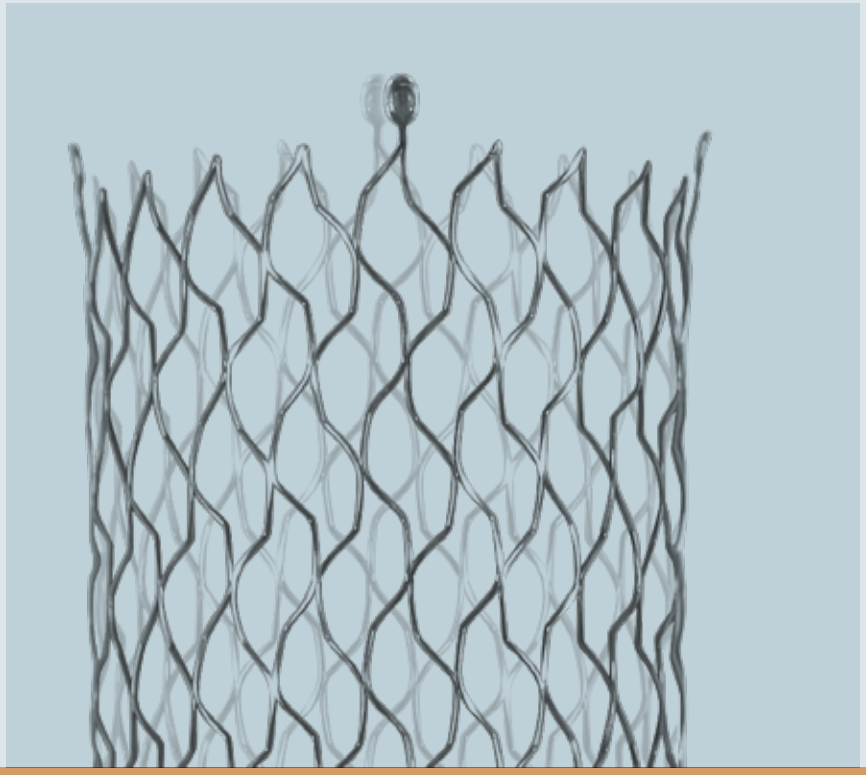
radioopaque markers | arterial | venous | 6F/10F ø device | .035i guide wire | NiTi nitinol stent | anti-jump technique



sinus-XL | sinus-XL Flex | sinus-XL 6F

EXPAND YOUR TREATMENT HORIZON

sinus-XL STENT FAMILY



Discover the only bare-metal stents indicated for use in both the aorta and Vena cava.

The sinus-XL stent family: Empowering endovascular interventionalists with wide-diameter self-expanding stents for aortic lesions and Vena cava obstructions.

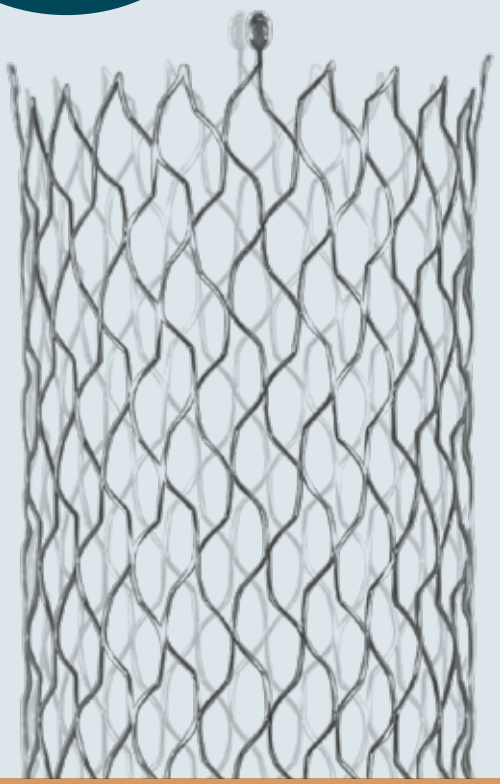
CONTENTS

sinus-XL

THE CLASSIC

HIGH RADIAL FORCE FOR STRAIGHT CENTRAL VESSEL SEGMENTS

XL

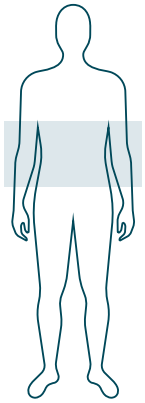


INDICATIONS

Obstructions of the straight areas of the aorta and vena cava:

- Superior and inferior Vena cava syndrome
- Aortic stenoses and dissections

The sinus-XL has a closed-cell stent design to ensure a very high radial force. It includes a family of self-expanding large-lumen stents that ensure the highest performance and can cover a variety of aortic and Vena cava lesions such as aortic stenosis, dissection, superior and inferior Vena cava syndrome.



FEATURES

Outstanding radial force due to the closed-cell stent design

Widest choice of big lumen closed-cell stent diameters and most comprehensive stent lengths portfolio on the market

Tantalum markers on stent ends for excellent visibility

Anti-Jump Technique™ to prevent stent misplacement during deployment

Arterial

Venous

.035 inch guide wire

.035i

10F Ø delivery system

10F

Nitinol stent

NiTi

Braided sheath

Radiopaque markers

Anti-Jump Technique™

Closed-cell design

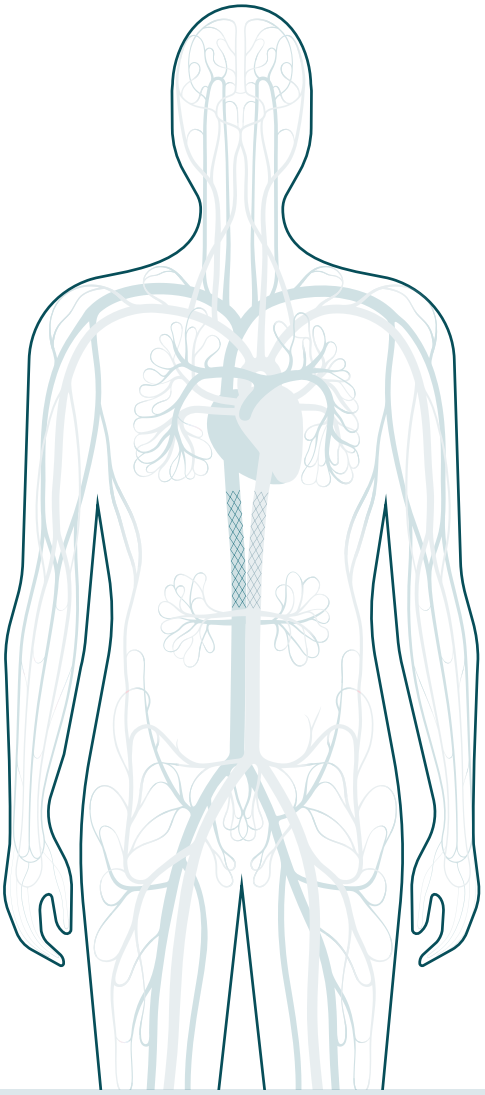
INTENDED USE

Venous

The stent system is used to treat symptomatic, stenotic or occlusive vascular lesions of differing etiology in straight areas of the superior and inferior Vena cava (e.g. Vena cava syndrome).

Arterial

The stent system is used to treat symptomatic, stenotic or occlusive vascular lesions of differing etiology in straight areas of the abdominal aorta and the descending thoracic aorta and for the treatment of dissections.



DETAILS sinus-XL

LENGTHS

30 mm

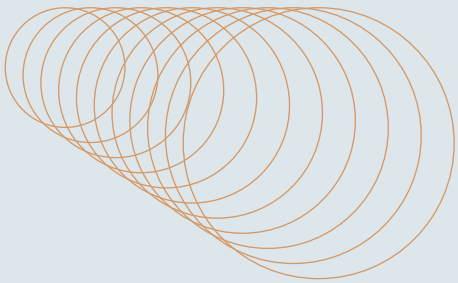
40 mm

60 mm

80 mm

100 mm

DIAMETERS



16 – 36 mm
in 2 mm steps

10F / 100 cm delivery system

Adapted to 0.035 inch guide wire

Tantal marker distal 4 / proximal 4

Box / 1 unit

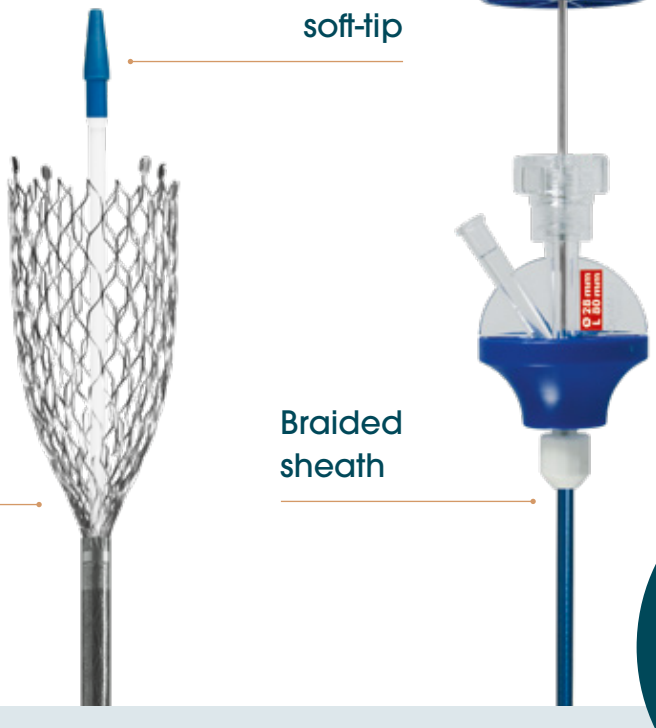
Atraumatic soft-tip

Radiopaque markers

Closed-cell design

Anti-Jump Technique™

Braided sheath



XL

ORDER CODES

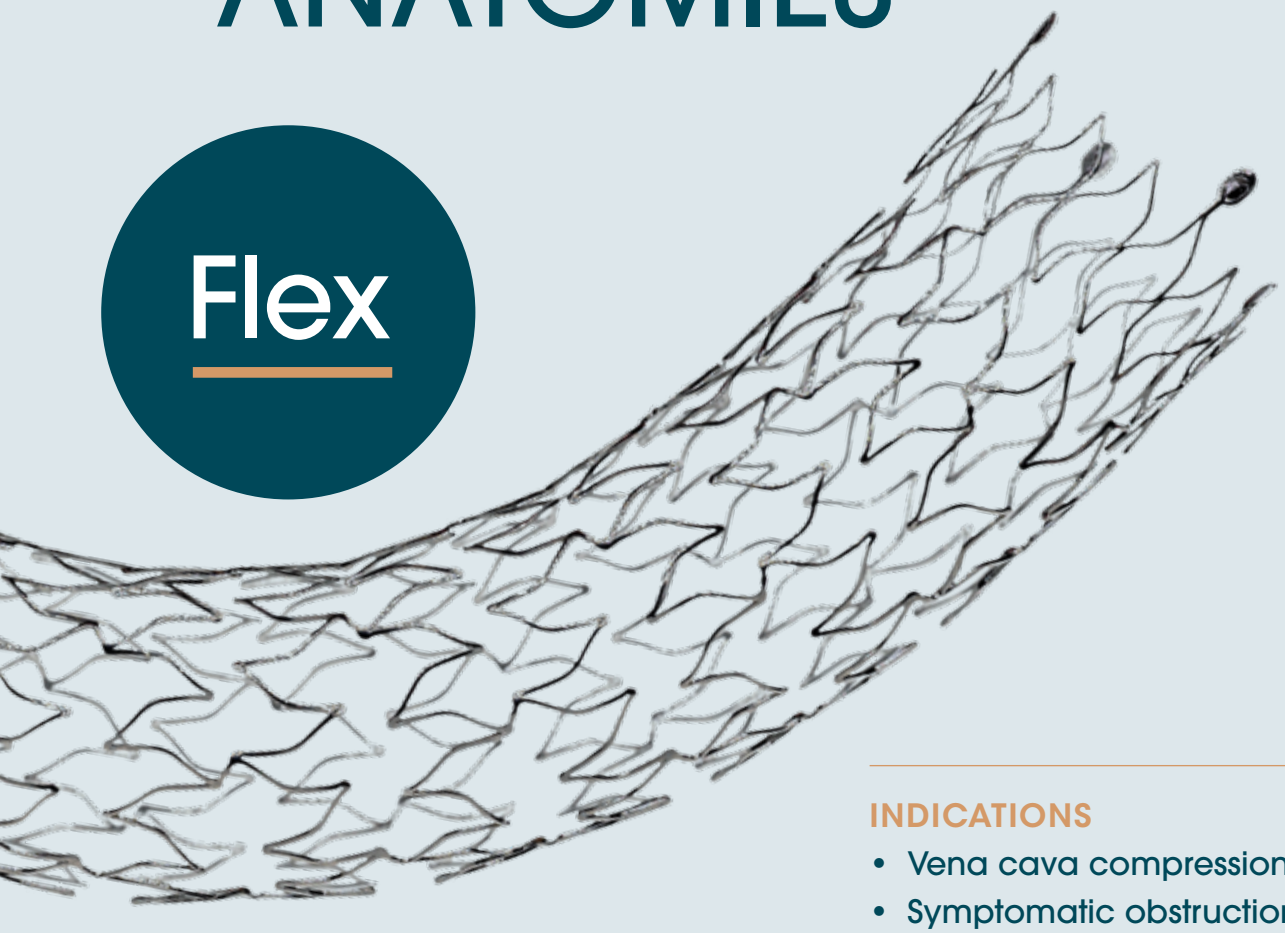
	Lengths				
	30	40	60	80	100
Ø 16	7316-01-8030	7316-01-8040	7316-01-8060	7316-01-8080	7316-01-8100
Ø 18	7318-01-8030	7318-01-8040	7318-01-8060	7318-01-8080	7318-01-8100
Ø 20	7320-01-8030	7320-01-8040	7320-01-8060	7320-01-8080	7320-01-8100
Ø 22	7322-01-8030	7322-01-8040	7322-01-8060	7322-01-8080	7322-01-8100
Ø 24	7324-01-8030	7324-01-8040	7324-01-8060	7324-01-8080	7324-01-8100
Ø 26	7326-01-8030	7326-01-8040	7326-01-8060	7326-01-8080	7326-01-8100
Ø 28	7328-01-8030	7328-01-8040	7328-01-8060	7328-01-8080	7328-01-8100
Ø 30	–	7330-01-8040	7330-01-8060	7330-01-8080	7330-01-8100
Ø 32	–	7332-01-8040	7332-01-8060	7332-01-8080	7332-01-8100
Ø 34	–	7334-01-8040	7334-01-8060	7334-01-8080	7334-01-8100
Ø 36	–	7336-01-8040	7336-01-8060	7336-01-8080	7336-01-8100

sinus-XL Flex

THE FLEXIBLE

HIGH FLEX TOP ALL-ROUNDER FOR COMPLEX AND VERSATILE ANATOMIES

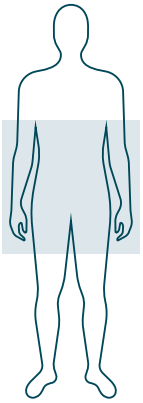
Flex



INDICATIONS

- Vena cava compression syndrome
- Symptomatic obstructions of the iliofemoral veins
- Aortic stenoses and dissections

The sinus-XL Flex has an open-cell stent design for high flexibility combined with great radial force. It comprises a comprehensive range of versatile, self-expanding stents that ensures high performance and allows to cover a high variety of aortic and venous interventions, such as aortic stenoses and dissections, Vena cava compression syndrome, aortic coarctations, as well as symptomatic obstructions of the iliofemoral veins.



FEATURES

Outstanding radial force comparable to closed-cell nitinol stents to withstand e.g. tumor compression causing Vena cava compression syndrome

Superflexible open-cell design for an excellent vessel wall apposition

Longitudinal flexibility allows to follow the natural breathing movement of the chest

Anti-Jump Technique™ to prevent stent misplacement during deployment

Arterial

Venous

.035 inch guide wire — .035i

10F Ø delivery system — 10F

Nitinol stent — NiTi

Braided sheath

Radiopaque markers

Anti-Jump Technique™

Open-cell design

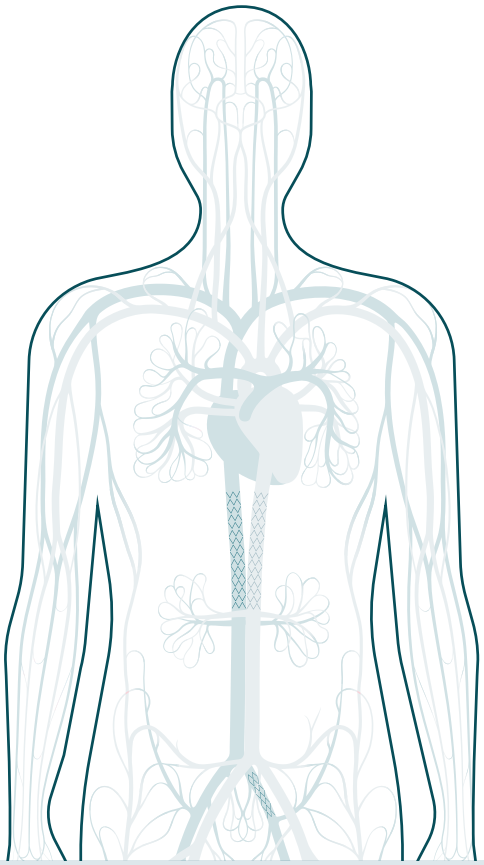
INTENDED USE

Venous

The stent system is used to treat symptomatic, stenotic or occlusive vascular lesions of differing etiology in curved areas of the superior and inferior Vena cava (e.g. Vena cava syndrome) and for the treatment of curved ilio-femoral veins.

Arterial

The stent system is used to treat symptomatic, stenotic or occlusive vascular lesions of differing etiology in curved areas of the abdominal aorta and the descending thoracic aorta and for the treatment of dissections.



DETAILS sinus-XL Flex

The sinus-XL Flex stent has an even higher radial force in the smaller stent diameter range than the sinus-XL classic – thus being the perfect choice for your peripheral iliofemoral interventions, combining high flexibility and an outstanding radial force.

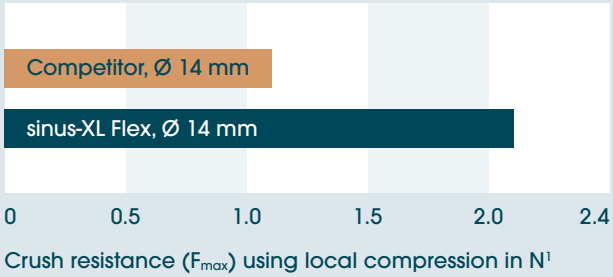
RRF – RADIAL RESISTIVE FORCE

sinus-XL Flex versus sinus-XL in small diameter ranges

RRF (Radial Resistive force) in $\frac{N}{mm}$; 1 mm oversize[1]

CRUSH RESISTANCE

sinus-XL Flex versus competitor stent



Crush resistance (F_{max}) using local compression in N[1]

1 Data on file at optimed

10F / 100 cm delivery system

Adapted to 0.035 inch guide wire

Tantal marker distal 4 / proximal 4

Box / 1 unit

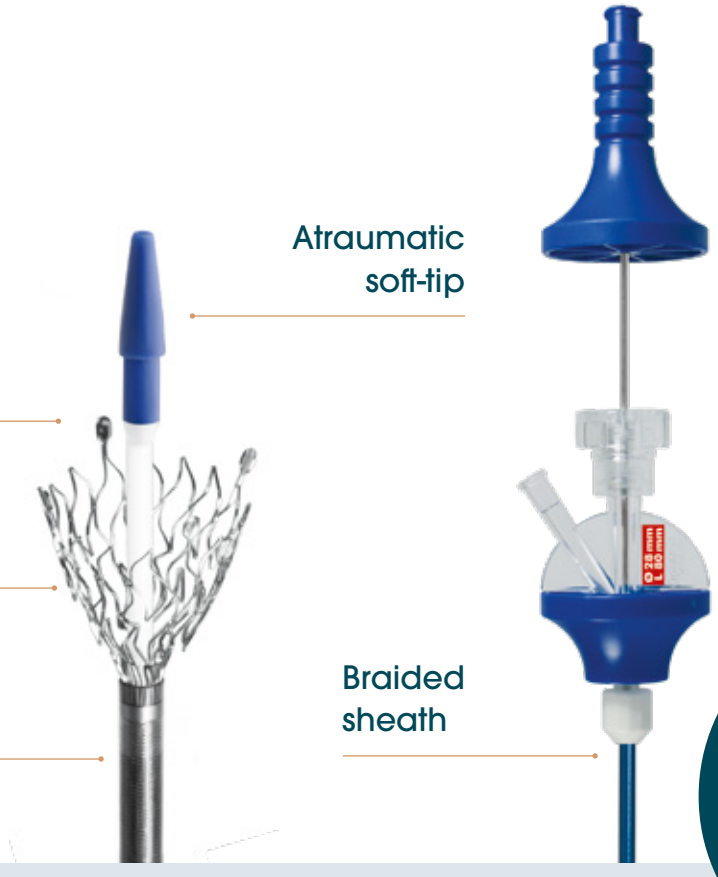
Atraumatic soft-tip

Radiopaque markers

Open-cell design

Anti-Jump Technique™

Braided sheath



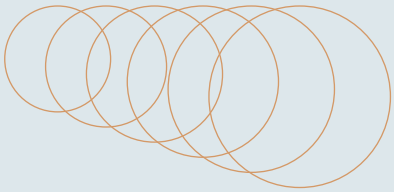
Flex

LENGTHS

40 mm
60 mm
80 mm
100 mm
120 mm
150 mm
160 mm

LARGE DIAMETERS up to ø 24mm:

14 – 24 mm
in 2 mm steps



ORDER CODES

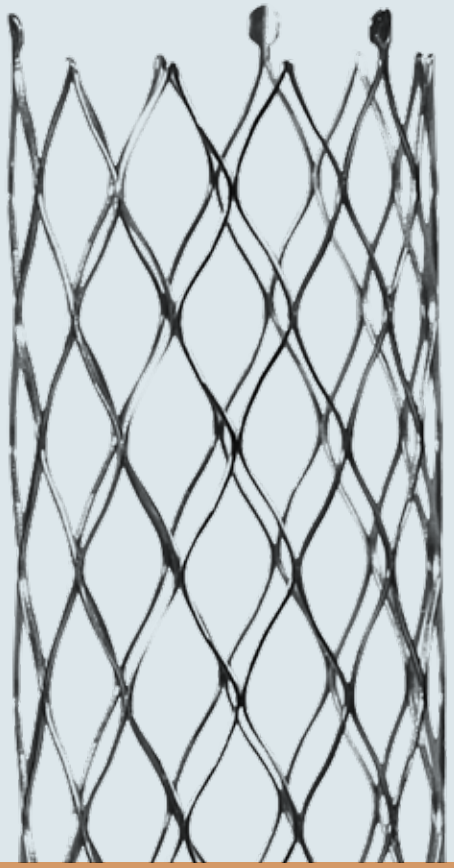
	Lengths						
	40	60	80	100	120	150	160
Ø 14	7414-01-8040	7414-01-8060	7414-01-8080	7414-01-8100	7414-01-8120	7414-01-8150	–
Ø 16	7416-01-8040	7416-01-8060	7416-01-8080	7416-01-8100	7416-01-8120	7416-01-8150	–
Ø 18	7418-01-8040	7418-01-8060	7418-01-8080	7418-01-8100	7418-01-8120	–	7418-01-8160
Ø 20	7420-01-8040	7420-01-8060	7420-01-8080	7420-01-8100	7420-01-8120	7420-01-8150	–
Ø 22	–	7422-01-8060	7422-01-8080	7422-01-8100	7422-01-8120	7422-01-8150	–
Ø 24	7424-01-8040	7424-01-8060	7424-01-8080	7424-01-8100	7424-01-8120	–	7424-01-8160

sinus-XL 6F

THE SMART

THE CLOSED-CELL STENT FOR UNUSUAL CASES

6F



FEATURES

Low profile delivery system for minimum puncture size

Outstanding radial force due to the closed-cell stent design

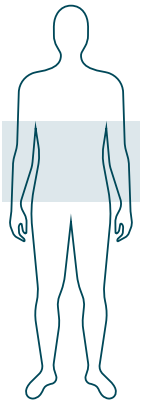
Repositionability of the stent up to 80 % of the stent length[1]

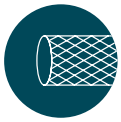
Anti-Jump Technique™ to prevent stent misplacement during deployment

1 Data on file at optimed

The sinus-XL 6F has a very low profile that allows the insertion of 14 and 16 mm stent diameters into the central vessels through a small puncture site. Despite its compact design, it has a high radial force comparable to that of the sinus-XL and – on top – can also be repositioned. The stent can be repositioned up to 80 %[1] of its lenght thus providing high precision placement and safe deployment.

It comprises a range of 6F self-expanding stents that ensures high performance and allows to cover a high variety of aortic and venous interventions, such as obstructions of the straight areas of the Vena cava and the aorta: aortic stenoses and dissections, infrarenal occlusions close to the bifurcation (Leriche syndrome), as well as Vena cava compression syndrome.





INDICATIONS

Obstructions of the straight areas of vena cava and the aorta:

- Vena cava compression syndrome
- Infrarenal occlusions close to the bifurcation (Leriche syndrome)
- Aortic stenoses and dissections

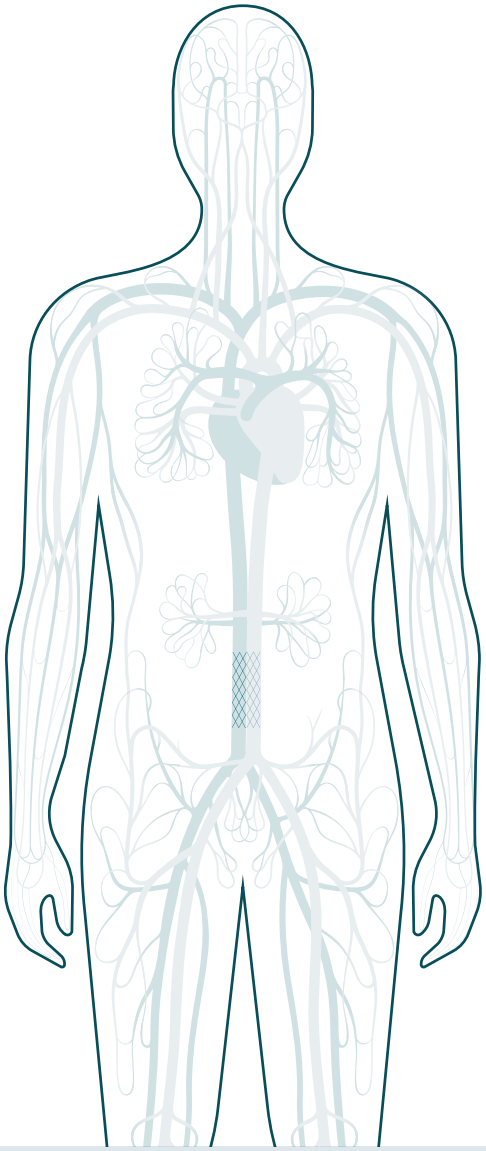
INTENDED USE

Venous

The stent system is used to treat symptomatic, stenotic or occlusive vascular lesions of differing etiology in straight areas of the superior and inferior Vena cava (e.g. Vena cava syndrome).

Arterial

The stent system is used to treat symptomatic, stenotic or occlusive vascular lesions of differing etiology in straight areas of the abdominal aorta and the descending thoracic aorta and for the treatment of dissections.



DETAILS sinus-XL 6F

LENGTHS

30 mm

40 mm

60 mm

80 mm

100 mm

DIAMETERS

14 mm

16 mm

Repositionable stent

Atraumatic soft-tip

Radiopaque markers

Closed-cell design

Anti-jump technique

6F

ORDER CODES

	Lengths				
	30	40	60	80	100
Ø 14	7314-6030	7314-6040	7314-6060	7314-6080	7314-6100
Ø 16	7316-6030	7316-6040	7316-6060	7316-6080	7316-6100

6F / 100 cm delivery system

Adapted to 0.035 inch guide wire

Tantal marker distal 4 / proximal 3

Box / 1 unit

optimed

YOUR PATIENT IS THE FOCUS OF OUR EVERYDAY ACTIONS

Optimed, based in Ettlingen (Germany), has been engaged in research, development, manufacturing and worldwide distribution of high-end medical products for minimal invasive therapy since 1996. More than 200 employees in our headquarters, production facilitites and our global sales teams ensure every day that we provide you and your patients with the highest quality medical devices.

Visit our website at www.optimed.com to discover our comprehensive portfolio and to view our latest product catalogue.

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