

Carotid WALLSTENT™ Monorail™ Endoprosthesis

Carotid WALLSTENT Endoprosthesis and Xact® Carotid Stent

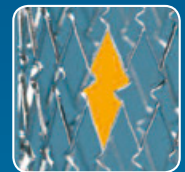
Closed Cell Design

- The closed cell design of the CarotidWALLSTENT Endoprosthesis is intended to provide increased scaffolding for optimal lesion coverage and a smooth inner lumen
- An average free cell area* of 1.1mm² was measured for the Carotid WALLSTENT Endoprosthesis**
- An average free cell area of 2.5mm² was measured for the Xact Carotid Stent**

Carotid WALLSTENT
Endoprosthesis



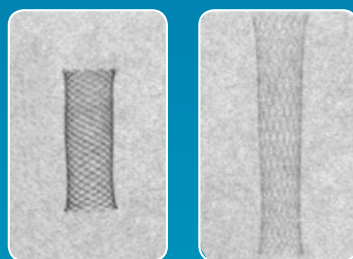
Xact
Carotid Stent



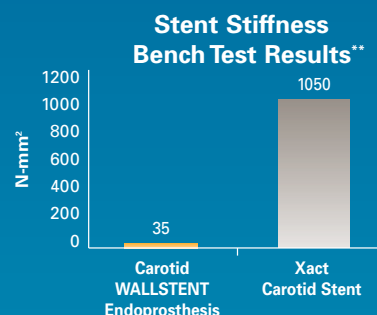
Closed cell design promotes the absence of intra-stent non-connecting struts. Open cell design promotes intra-stent non-connecting struts required to navigate through a bench top model of tortuosity. Smaller value = less force required.

Designed for Deliverability

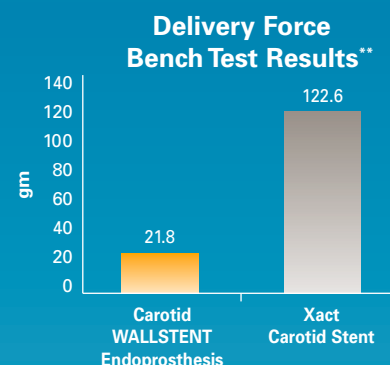
- The CarotidWALLSTENT Endoprosthesis demonstrated outstanding flexibility in bench testing**
- The highly flexible CarotidWALLSTENT Endoprosthesis demonstrated excellent tracking through a model of tortuosity**
- The CarotidWALLSTENT Endoprosthesis design is intended to facilitate accurate stent placement with high radiopacity and the unique ability to be reconstrained†



Radiopacity: Illustrates the visibility of a stent under C-arm underneath simulated tissue.



Stiffness:
The relative force required to bend the stent. Smaller value = more flexibility in this bench top environment.



Delivery Force:
Measures the average force required to navigate through a bench top model of tortuosity. Smaller value = less force required.

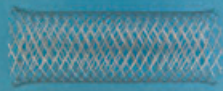

*Free Cell Area: Measures the average area (mm²) within the perimeter of connecting struts. Smaller number = smaller free cell area.

**Testing performed on CarotidWALLSTENT Endoprosthesis 8mm x 21mm and Xact 7-9mm x 40mm. Bench test results may not necessarily be indicative of clinical performance. Test results shown are for models deemed most typically selected for placement in common carotid artery with a reference diameter of <8mm. Other models were also tested and yielded similar results. N=3. Data on file.

†Please note that reconstraint and repositioning are subject to specific limitations. Please refer to Directions for Use cautions and warnings for additional information.

Carotid WALLSTENT™ Monorail™ Endoprosthesis

Product Information

Measurements/Product Features	Carotid WALLSTENT® Endoprosthesis 8mm x 21mm	Xact® Carotid Stent 7-9mm x 40mm
		
Stent material and design	Elgiloy® (cobalt chromium), closed cell, braided mesh	Nitinol (nickel titanium), closed cell, mesh design
Guide wire lumen	Monorail®, 0.014" based system	Rapid-exchange, 0.014" based system
Guiding sheath	6mm-8mm: 5.0F (0.073") 10mm: 6.0F (0.086")	7mm-10mm: 6.0F (0.088")
Guiding catheter	6mm-8mm: 7.0F (0.073") 10mm: 8.0F (0.086")	7mm-10mm: 8.0F (0.088")
Stent delivery system profile	5.0F for 6mm-8mm 5.9F for 10mm	5.7F
Stent delivery system working length	135cm	136cm
Embolic protection	FilterWire EZ™ Embolic Protection System	Emboshield® Embolic Protection System

Product information for the Xact Carotid Stent excerpted from current product Directions for Use.
All photographs taken by Boston Scientific Corporation.

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