

Stent Deployment. REFINED.

Low-profile
Visualized
Intraluminal
Support Device



LVIS[®]

Intraluminal Support Device

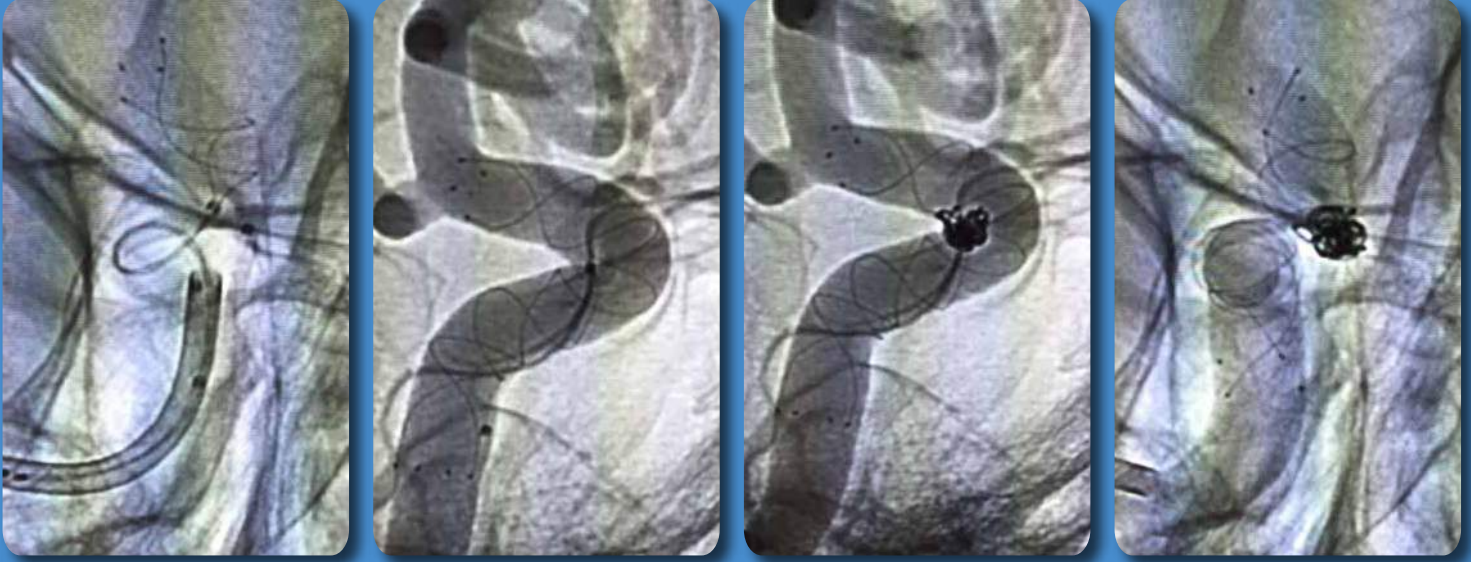


CHAPLA

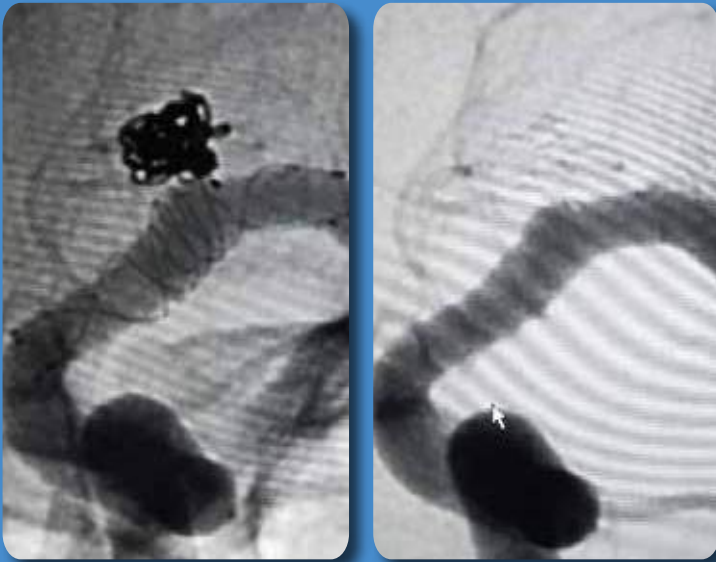


MicroVention[®]
TERUMO

CASE 1



CASE 2



CASE 1 (above)

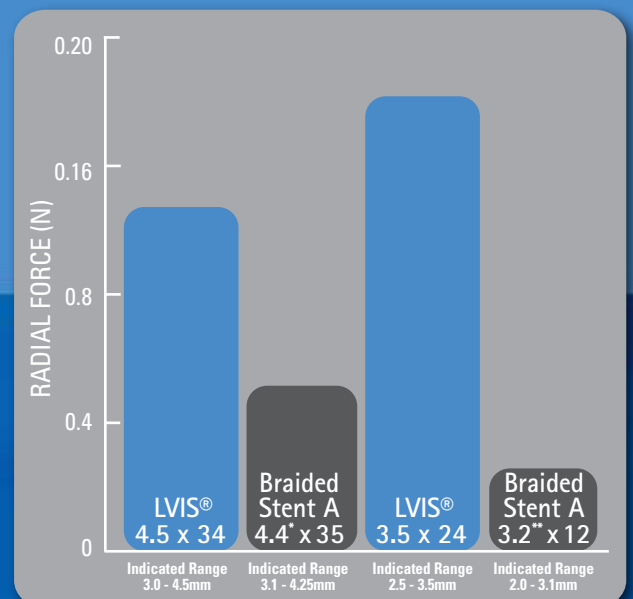
Case images courtesy of Dr. Todd Peebles
ThedaCare Regional Medical Center, Neenah, WI USA

CASE 2 (left) at 6 month follow-up

Case images courtesy of Dr. Alex Drofa
Sanford Health Fargo, ND USA

Improved Radial Force

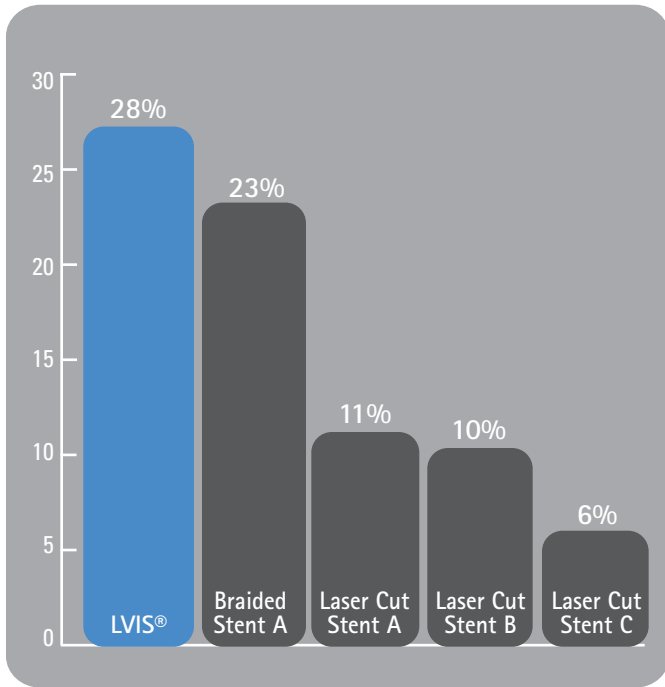
Greater radial force at all sizes allows for easy stent opening in curves.



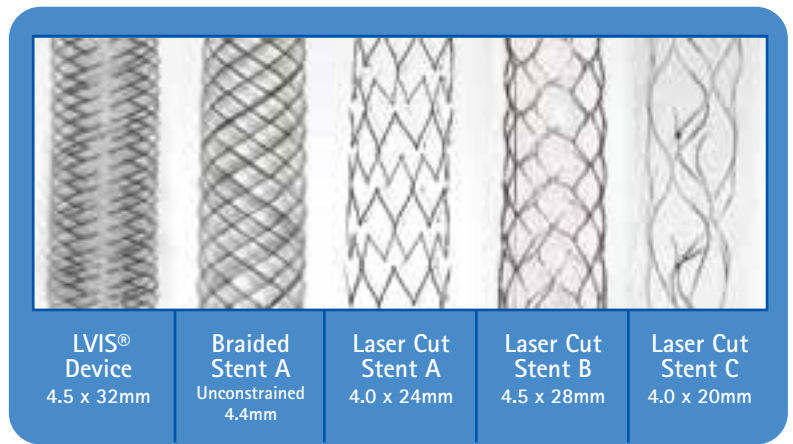
* Unconstrained diameter = 4.4mm, Constrained diameter = 3.5mm
** Unconstrained diameter = 3.2mm, Constrained diameter = 2.5mm

High Neck Coverage

The LVIS® Device provides high level of neck coverage.*

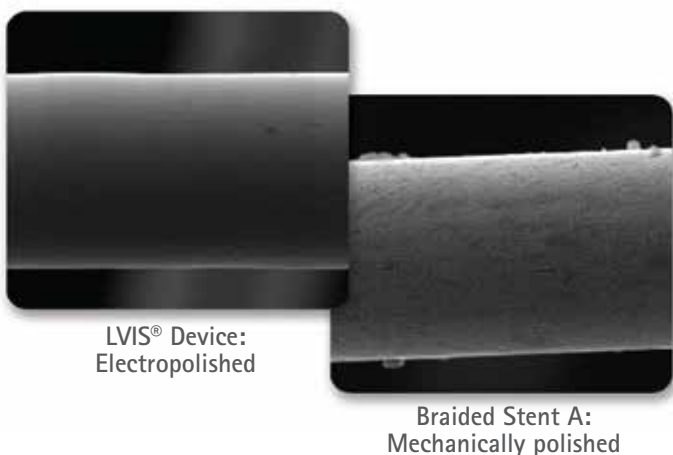


- ◆ Excellent support for the coil mass*
- ◆ Works well with the latest small finishing coils
- ◆ Works well in wide-necked and blister aneurysms



Just ONE catheter delivers ALL SIZES of the LVIS® Device

DEVICE	DELIVERY CATHETER	CATHETER ID	CATHETER DISTAL OD	CATHETER PROXIMAL OD
LVIS®	Headway® 21	0.021"	2.0F	2.5F



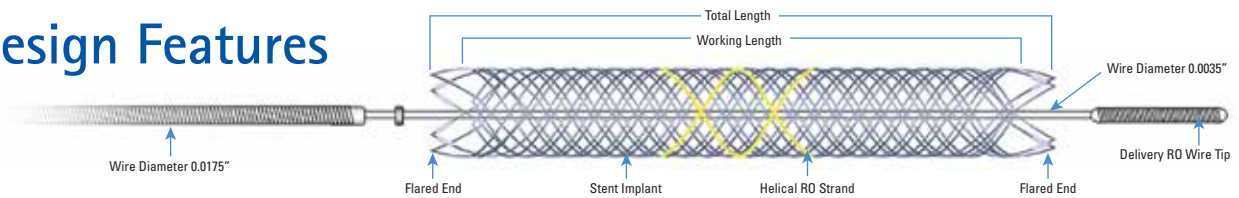
Benefits of Electropolishing

The LVIS® Device is the only braided stent that undergoes an electropolish passivation process.

- ◆ Smooth, uniform delivery
- ◆ Easy stent opening

* Data on file at MicroVention.

Design Features



ATTRIBUTE	DETAIL	FEATURE
Number of Wires	16	Flex and fully expand to conform to vessel
Microcatheter Compatibility	0.021"	Delivery through low profile delivery systems
Flared Ends	4	Help anchor the stent
Radiopaque Strands	2	Enables visualization of the entire stent body
Implant Wire Diameter	.0024"	Allows delivery through low profile catheter system
Retrievable	Up to 3mm of stent within the catheter	Provides confidence with deployment
Cell Size	0.8mm	Ensures small finishing coils will stay in the aneurysm
Metal Coverage	28%	High neck coverage to enhance clinical outcomes
Pusher Material	Nitinol	Provides easy stent pushability even in tortuosity
Radiopaque Markers	4 distal 4 proximal	Ensure proper control of proximal and distal ends expansion
Fluorosafe Marker	148cm from distal tip	Designed to reduce radiation exposure to patient

Sizing and Ordering Information			TOTAL LENGTH/WORKING LENGTH IN DIFFERENT VESSEL DIAMETERS (mm)							
DEVICE	LABELED DIAMETER x TOTAL LENGTH (mm)	PRODUCT CODE	2.0mm	2.5mm	3.0mm	3.5mm	4.0mm	4.5mm	5.0mm	5.5mm
LVIS®	3.5 x 17	212517-CAS	25 / 21	23 / 19	20 / 16	17 / 13				
LVIS®	3.5 x 22	212525-CAS	35 / 31	32 / 28	27 / 23	22 / 18				
LVIS®	4.0 x 12	212912-CAS		16 / 12	15 / 11	14 / 10	12 / 8			
LVIS®	4.0 x 17	212917-CAS		27 / 23	24 / 20	21 / 17	17 / 13			
LVIS®	4.0 x 22	212922-CAS		37 / 33	34 / 30	29 / 25	22 / 18			
LVIS®	4.0 x 28	212928-CAS		48 / 44	43 / 39	37 / 33	28 / 24			
LVIS®	4.0 x 31	212931-CAS		54 / 50	48 / 44	41 / 37	31 / 27			
LVIS®	4.5 x 18	213015-CAS			28 / 24	26 / 22	22 / 18	18 / 14		
LVIS®	4.5 x 23	213025-CAS			40 / 36	36 / 32	31 / 27	23 / 19		
LVIS®	4.5 x 32	213041-CAS			57 / 53	52 / 48	44 / 40	32 / 28		
LVIS®	5.5 x 30	214035-CAS					51 / 47	45 / 41	39 / 35	30 / 26
LVIS®	5.5 x 33	214049-CAS					58 / 54	51 / 47	43 / 39	33 / 29

The LVIS® device is compatible with the Headway® 21 Microcatheter

INDICATIONS FOR USE: The LVIS® device is intended for use with embolic coils for the treatment of intracranial neurovascular diseases.



MicroVention Worldwide Innovation Center, 35 Enterprise, Aliso Viejo CA 92656 USA
Phone: 714.247.8000 Customer Service: 800.990.8368

microvention.com

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