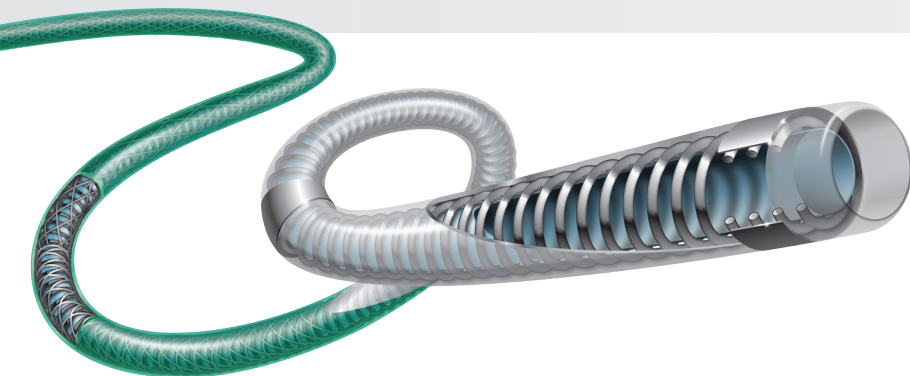


Headway™

Microcatheters with DUO Technology

International

Engineered for excellent trackability.^{1,2}



Highly Trackable^{1,2}

- Flexible distal tip enables excellent navigation through tortuosity, while supportive proximal end maximizes pushability^{1,2}
- Round tip to minimize ledge effect

Low-Profile Outer Diameter

- Enhances compatibility for dual catheter technique³
- Promotes navigability and ease of access

Headway 17

Advanced Microcatheters

Trusted Performance. Stable. Versatile.¹

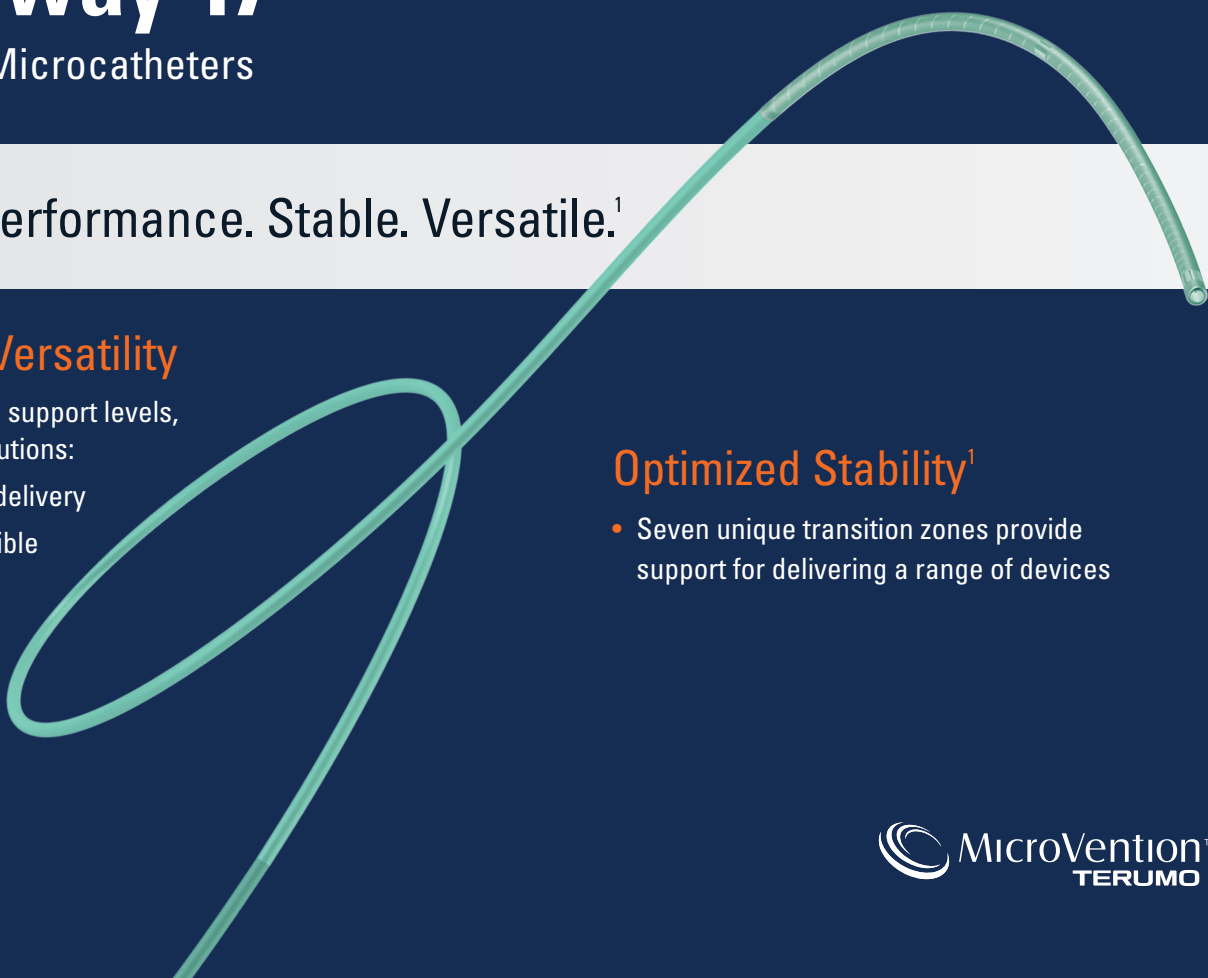
Excellent Versatility

Four shapes, two support levels, many access solutions:

- Stent and coil delivery
- DMSO compatible

Optimized Stability¹

- Seven unique transition zones provide support for delivering a range of devices



Headway

Microcatheter Portfolio

Headway Microcatheters with DUO Technology

Product Name	Catalog Number	Distal/Proximal ID (in) (mm)		Tip Shape	Distal OD (F) (in) (mm)			Proximal OD (F) (in) (mm)			Usable Length (cm)	Tip Markers	Dead Space (cc)	Max Burst Pressure (psi)
Headway DUO 167 cm	MC162167S	0.013/ 0.0165	0.33/ 0.42	Straight	1.3	0.017	0.43	2.1	0.028	0.71	167	1	0.35	700
Headway DUO 156 cm	MC162156S	0.0165	0.42	Straight	1.6	0.021	0.53	2.1	0.028	0.71	156	2	0.34	700
Headway 21	MC212156S	0.021	0.53	Straight	2.0	0.026	0.67	2.5	0.033	0.84	156	2	0.55	300
Headway 27	MC272156S	0.027	0.69	Straight	2.6	0.034	0.86	3.1	0.041	1.04	156	2	0.83	300

All microcatheter tips are steam shapeable
All microcatheters are DMSO compatible

Headway 17 Advanced Microcatheters

Product Name	Catalog Number	Distal/Proximal ID (in) (mm)		Tip Shape	Distal OD (F) (in) (mm)			Proximal OD (F) (in) (mm)			Usable Length (cm)	Tip Markers	Dead Space (cc)	Max Burst Pressure (psi)
Headway 17 Advanced Soft	MC172150S	0.017	0.43	Straight	1.7	0.022	0.56	2.4	0.032	0.81	150	2	0.41	300
	MC172150SX			Straight										
Headway 17 Advanced	MC17215045X			45°										
	MC17215090X			90°										
	MC172150JX			J										

All microcatheter tips are steam shapeable
All microcatheters are DMSO compatible

1. TR18-326; n=3
2. TR18-327; n=3
3. Ko, Jung Ho, et al. "Dual Microcatheter Technique within a 5 French Guiding Catheter for Intracranial Aneurysm: Technical Notes", World Neurosurgery, <https://doi.org/10.1016/j.wneu.2020.01.071>

INDICATIONS FOR USE

The Headway Microcatheter is intended for general intravascular use, including the peripheral, coronary and neuro vasculature for the infusion of diagnostic agents, such as contrast media, and therapeutic agents, such as occlusion coils.

The Headway DUO Microcatheter is intended for general intravascular use, including the peripheral and coronary vasculature for the infusion of diagnostic agents, such as contrast media, and therapeutic agents, such as embolization materials.

The Headway DUO Microcatheter is intended for neurovascular use, for the infusion of diagnostic agents, such as contrast media, and therapeutic agents that have been cleared or approved for use in the microvasculature and are compatible with the inner diameter of the Headway DUO Microcatheter.

Intended for Healthcare professional use only.

This device should be used only by physicians trained in percutaneous, intravascular techniques and procedures at medical facilities with the appropriate fluoroscopy equipment.

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