

## **Innovative Catheter Technology**

### Unique braid/coil construction for the lowest profile of any 0.014"/ 0.012" guidewire compatible catheter

### Headway® Duo Microcatheter

Microcatheter with Hydrophilic Coating

1 per box; includes shaping mandrel and introducer sheath									
Product Name	Product Code	ID Body/Tip (inches)	Tip Shape	Usable Length (cm)	Flexible Distal Length (cm)	OD Prox./Dist. (French)	Dead Space	Tip Markers	
Headway Duo, 156cm	MC162156S	0.0165 / 0.0165	STR	156	9	2.1 / 1.6	0.34 ml	2	
Headway Duo, 167cm	MC162167S	0.0165 / 0.013	STR	167	9	2.1 / 1.3	0.35 ml	1	

Features	Benefits
Hybrid Braid/Coil Design	Tight pitch coil provides lumen integrity and bending flexibility Proximal braid provides firmness and a torqueable catheter body Resists kinking and ovalization
Small OD, Large ID	<b>156cm Headway<sup>®</sup> Duo</b> microcatheter compatible with coils and ≤0.014" OD guidewires 0.0165" body ID microcatheter with low profile distal tip
	<b>167cm Headway<sup>®</sup> Duo</b> microcatheter compatible with ≤0.014"/≤0.012" (proximal/distal OD) guidewires 0.0165" body ID microcather with 0.013" ID distal tapered tip
Superior Trackability	True 1:1 push/pull while tracking through tortuous anatomy
Liquid Embolic Compatibility	Compatible with PHIL™ Liquid Embolic, Onyx™ Liquid Embolic, nBCA and DMSO High burst strength (700 psi) Long length allows distal lesion access
Soft Distal Tip	Smooth, atraumatic tracking Excellent tip "painting" ability



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Trackability / Shape Retention / Durability







# **HEADWAY® MICROCATHETER - N**



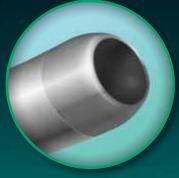
# **EXT GENERATION CATHETER PERFORMANCE WITH IMPRO**

# **Innovative Catheter Construction**

**Headway 17** The unique construction of the Headway 17 microcatheter combines 7 progressive segments with a tapered PTFE liner and an atraumatic soft tip for enhanced performance in challenging anatomies. Two levels of softness and superior tip shapability allow for an optimized configuration for every procedure. **Headway 21 and 27** The multi-segmented design of the Headway 21 and 27 microcatheters provides superb trackability and resistance to elongation, while the combination of a tight-pitch coil reinforcement and PTFE inner liner allows for the delivery of stents in a smooth, controlled manner.

#### **Rounded Tip**

- Atraumatic soft tip facilitates smooth catheter advancement
- Rounded shape allows easier navigation through a deployed stent



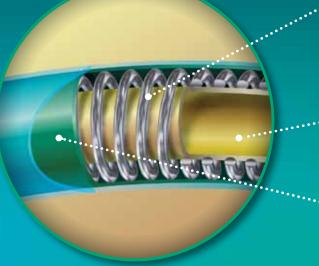
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#### Designed for Tip Shapability

- Easy to shape with steamer
- Advanced technology for better shape retention on distal tip

#### Tapered PTFE Liner with Coil Reinforcement

- Tapered liner design allows true 1:1 push/pull control
- Tight-pitch coil reinforcement resists ovalization while maintaining maximum flexibility



# **VED TRACKABILITY AND CONTROL**











#### **Coil Reinforced Catheter**

• Tight pitch coil wind resists kinking and ovalization while maintaining maximum flexibility

#### **PTFE Liner**

• Lubricious, yet durable inner liner for smooth stent delivery

#### **Robust Catheter Body**

• Offers enhanced resistance to stretching and elongation while delivering stents or other less flexible devices



CHOOSE YOUR SIZE &

LEVEL OF

SOFTNESS

### **A Complete Range of Sizes & Softness**

Headway<sup>®</sup> microcatheters offer a wider selection of access solutions. With three sizes, two levels of support and three pre-shaped tip options available, there is a Headway microcatheter available for use in nearly any procedure. All Headway microcatheters are designed to optimize the performance of LVIS<sup>®</sup> and LVIS<sup>®</sup> Jr. Intraluminal Support Devices, FRED<sup>®</sup> System flow diverting stents, ERIC<sup>®</sup> Retrieval Devices, and embolic coils. Headway microcatheters are also PHIL<sup>™</sup> Liquid Embolic System and DMSO compatible.

#### **SOFT SUPPORT ZONE**

Soft support zone for greater sensitivity to coil delivery force

*X***ieadwayAdvanced**Soft

**Headway**Advanced





Headway 2



\*Also available in 156cm hybrid braid/ coil design version for improved flow diverter delivery experience.

#### ENHANCED SUPPORT ZONE

More support in the distal shaft to reduce catheter movement in challenging anatomy and ensure accurate device delivery.

### **SPECIFICATIONS**

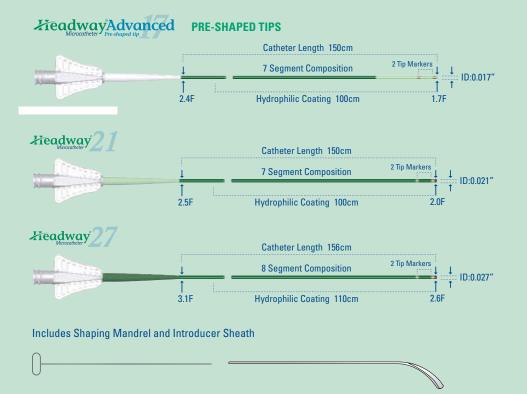
### **Headway**<sup>®</sup>

Microcatheter with Hydrophilic Coating

1 per box. Includes shaping mandrel and introducer sheath.										
Product Name	Description	Product Code	<b>ID</b> (inches)	Tip Shape	Usable Length (cm)	OD Prox./Distal (French)	Tip Markers			
Headway17 Advanced 'Soft'	Straight	MC172150S	0.017	STR	150	2.4 / 1.7	2			
Headway17 Advanced	Straight	MC172150SX	0.017	STR	150	2.4 / 1.7	2			
Headway17 Advanced	Pre-shaped tip 45	MC17215045X	0.017	45	150	2.4 / 1.7	2			
Headway17 Advanced	Pre-shaped tip 90	MC17215090X	0.017	90	150	2.4 / 1.7	2			
Headway17 Advanced	Pre-shaped tip J	MC172150JX	0.017	J	150	2.4 / 1.7	2			
Headway21	Straight	MC212150S	0.021	STR	150	2.5 / 2.0	2			
Headway27	Straight	MC272150S	0.027	STR	150	3.1 / 2.6	2			
Headway27	Straight	MC272156S	0.027	STR	156	3.1 / 2.6	2			

Dead space of Headway® 17 microcatheter is 0.41cc and 0.26cc with MicroVention hub adaptor.

ADVANCED & ADVANCED 'SOFT' Catheter Length 150cm Catheter Length 150cm 2 Tip Markers 2 Tip Markers 1 D:0.017" 2.4F Hydrophilic Coating 100cm 1.7F





www.microvention.com

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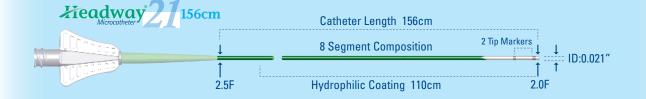
and during lengthy procedures

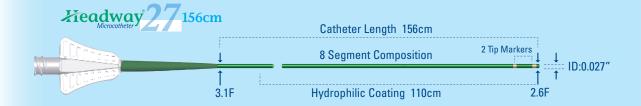


### **SPECIFICATIONS**

# Headway<sup>®</sup> 21 & 27 (156cm) Microcatheter Microcatheter with Hydrophilic Coating

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Headway 27 156cm	Straight	MC272156S	0.027	STR	156	3.1 / 2.6	2	







Hybrid Braid/Coil Design

#### **Features**

- Proximal column strength for stability and torqueability
- 156cm working length with distal flexible transitions
- Resistance to kinking and ovalization
- Resistance to stretching
- Resistance to twisting



✓ Facilitate access to the lesion

- ✓ Smooth device trackability
- ✓ Controlled device delivery



#### **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.

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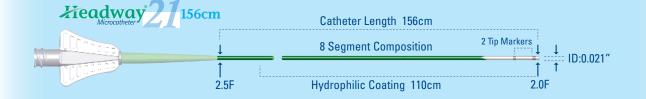
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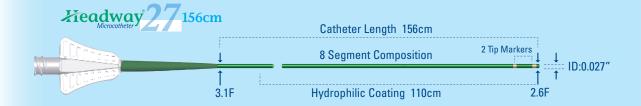


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