

Aristotle® 18 Guidewires

The world's first microfabricated 0.018-inch guidewire indicated for neurovascular use provides support that delivers.

- Patented microfabrication technology lends ample proximal support for when flow diverters, web devices, or clot retrievers may be needed for treatment.
- Increased distal tip softness in comparison to the **Aristotle® 14** that doesn't compromise on desired support within the proximal end of the wire.
- Engineered to be predictably responsive, resulting in a near one-to-one torque when compared to leading interventional guidewires, even when challenged in a tortuous model.
- Pairs most advantageous with 0.021 and 0.027 catheters.



Indications

The **Aristotle® 18** Guidewires are for general vascular use within the neuro and peripheral vasculatures to introduce and position catheters and other interventional devices. The guidewire is not intended for use in the coronary vasculature.

Contraindications

None known.

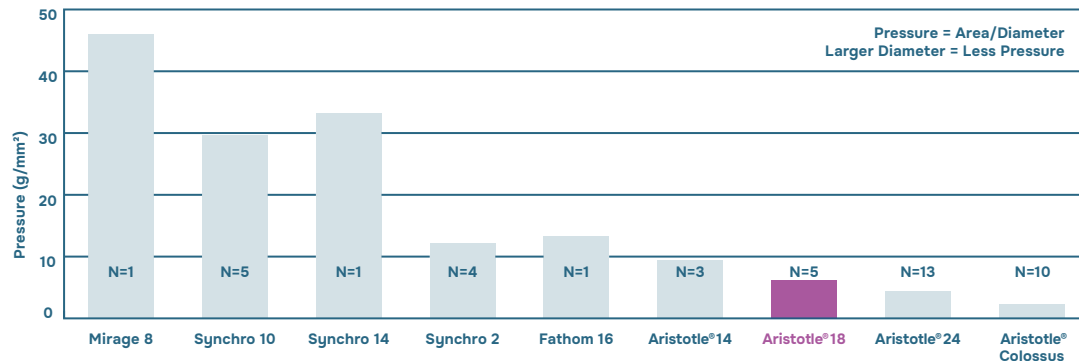
Warnings and precautions

The **Aristotle® 18** Guidewire should be manipulated under fluoroscopy. Do not attempt to move the guidewire without observing the resulting tip response. Advance and withdraw the guidewire slowly and carefully. Never advance or withdraw the guidewire against resistance that is felt or observed under fluoroscopy until the cause of the resistance of determined. Movement of the guidewire against resistance may result in damage to the guidewire or injury to the patient.

Confirm the compatibility of the guidewire and other devices being used in the procedure.

© 2023. All rights reserved.
Scientia Vascular and the Scientia Vascular logo are trademarks of Scientia Vascular.
All other trademarks are the property of their respective owners.

Aristotle® 18 Guidewire			
Wire type	SOFT	STANDARD	SUPPORT
Product ref	A18-200-001	A18-200-002	A18-200-003
Overall length	200 cm	200 cm	200 cm
Microfabricated length	35 cm	35 cm	35 cm
Distal flex zone	35 cm	35 cm	35 cm
Hydrophilic coating length	46 cm	46 cm	46 cm
Guidewire outer diameter	0.018 in	0.018 in	0.018 in
Radiopaque length	10 cm	10 cm	10 cm



Aristotle® Guidewires

The most complete line of
intracranial neurovascular
micro and macro guidewires.

Aristotle® 14
Aristotle® 24

Aristotle® 18
Aristotle® Colossus



scientiavascular.com



Aristotle® Guidewires

Proprietary design enables thousands of transition zones to address complex anatomy and enhance performance.

Scientia Vascular Inc.

2460 South 3270 West

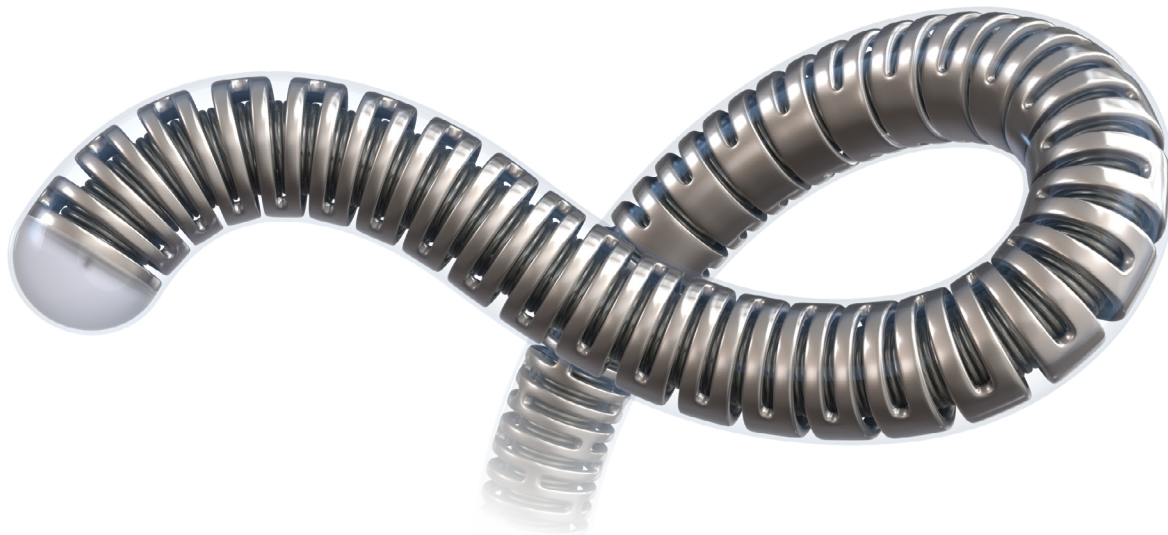
West Valley City, Utah, 84119



Orders

888-385-9016

[scientiavascular.com](https://www.scientiavascular.com)



Warnings and precautions

The Aristotle® 14, Aristotle® Zoom Wire® 14, Aristotle® 18, Aristotle® 24, and Aristotle® Colossus guidewire should be manipulated under fluoroscopy. Do not attempt to move the guidewire without observing the resulting tip response. Advance and withdraw the guidewire slowly and carefully. Never advance or withdraw the guidewire against resistance that is felt or observed under fluoroscopy until the cause of the resistance is determined. Movement of the guidewire against resistance may result in damage to the guidewire or injury to the patient. Confirm the compatibility of the guidewire and other devices being used in the procedure.

For the Aristotle® Colossus guidewire, do not use the device with catheters below an ID of 0.038" (0.97mm) as damage to guidewire hydrophilic coating may occur.

Indications

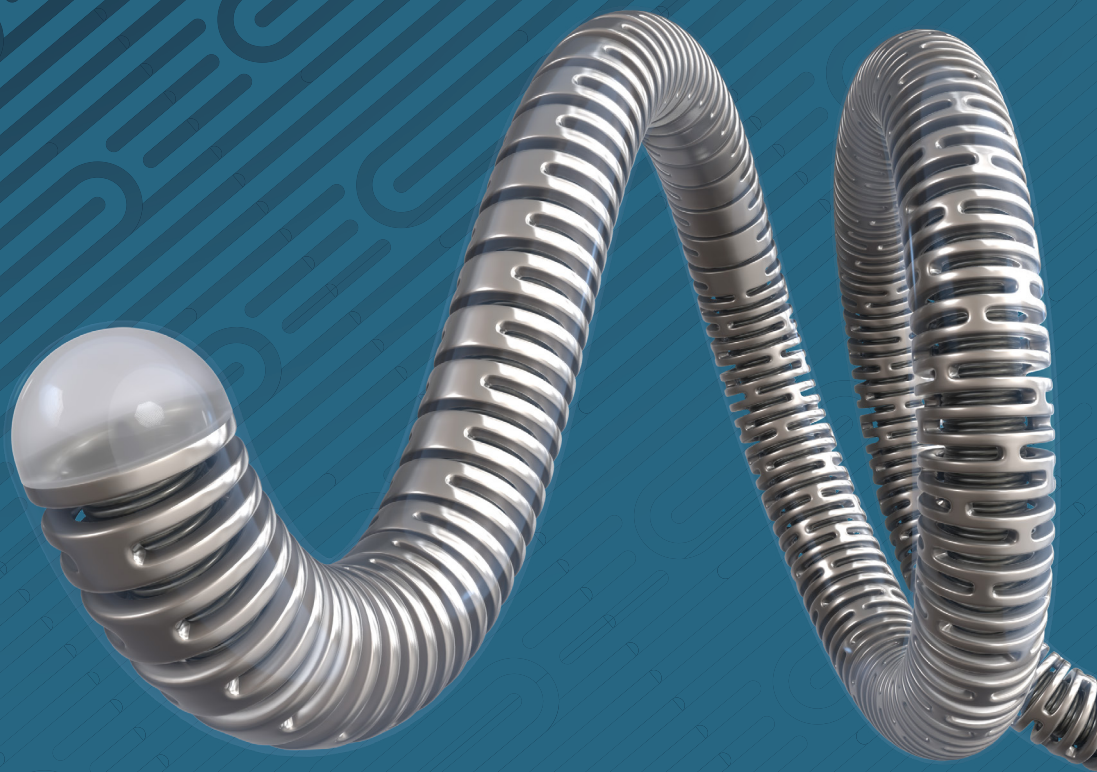
The Aristotle® 14, Aristotle® Zoom Wire® 14, Aristotle® 18, Aristotle® 24, and Aristotle® Colossus guidewire is for general vascular use within the neuro and peripheral vasculatures to introduce and position catheters and other interventional devices. The guidewire is not intended for use in the coronary vasculature.

Contraindications

None known.

© 2023. All rights reserved. Scientia Vascular and the Scientia Vascular logo are trademarks of Scientia Vascular. All other trademarks are the property of their respective owners.

Data on File
MKT-00124 Rev A



Access is therapy.

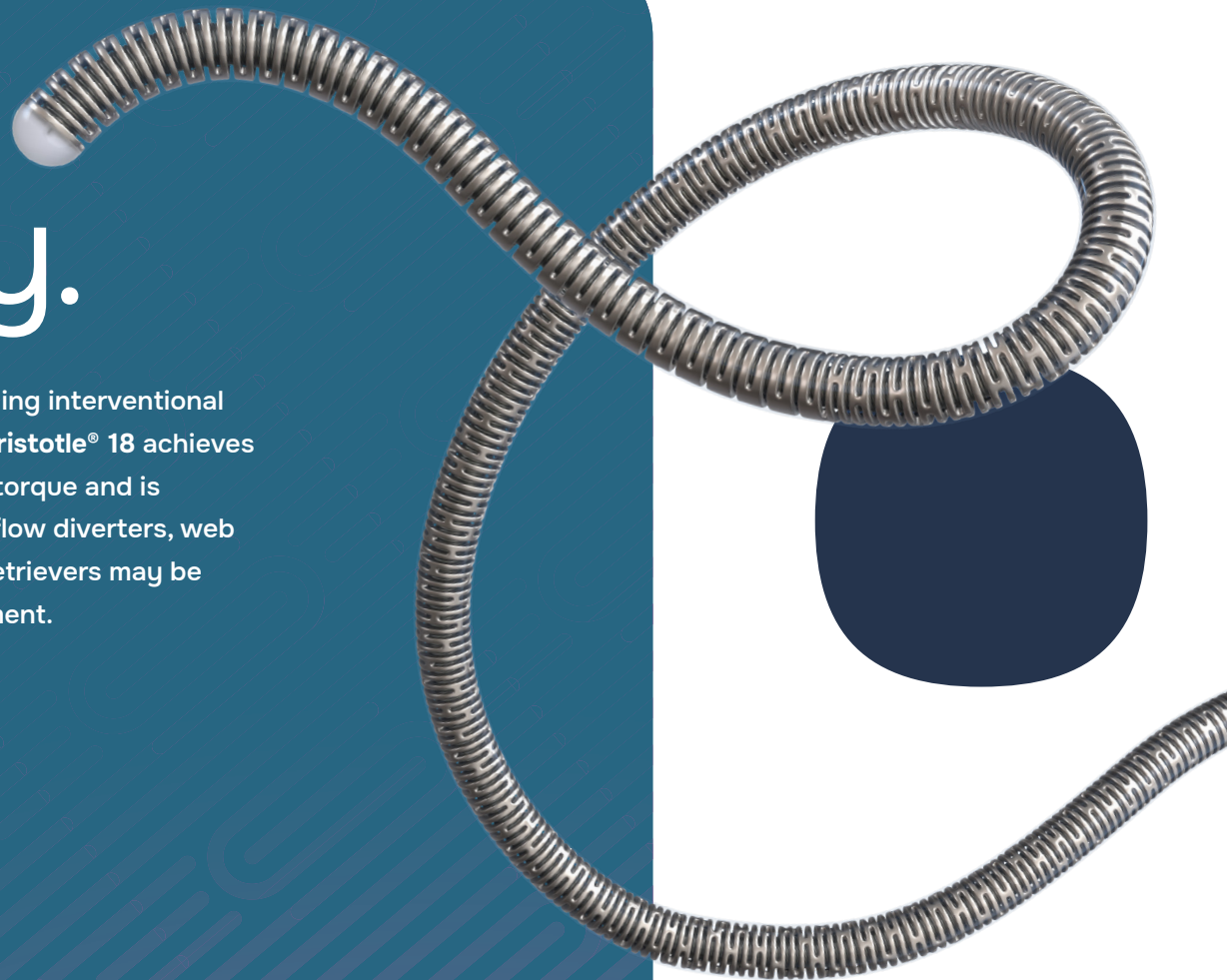
At Scientia Vascular, we believe that without access, therapy can not exist. We combine knowledge and technology with precision and quality to bring new solutions to patients. Through cutting-edge innovation, we're driving our mission to radically disrupt the way diseases are treated.

Mini is Mighty.

Industry standard set the stage with the 14 microwire, laying the foundation for intercranial access. By utilizing the next generation of micromachining, our patented geometries allow for enhanced torque transmission. The result is a never-before-seen nitinol tube engineered to be predictably responsive.™

In our Aristotle® 14 line, we offer eight different configurations, to provide a tailored approach to treatment.

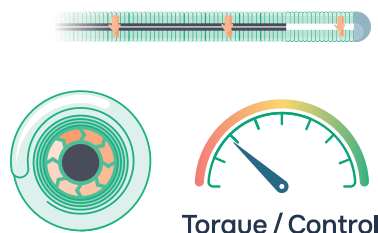
Compared to leading interventional guidewires, the Aristotle® 18 achieves near one-to-one torque and is desirable when flow diverters, web devices, or clot-retrievers may be needed for treatment.



Microfabrication

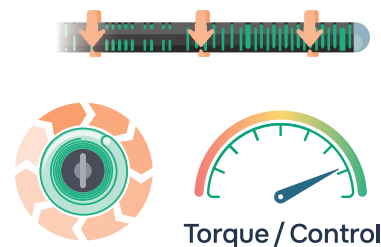
Torque performance aids in navigation of vasculature

A guidewire's ability to access distal and tortuous anatomy with more control can be impacted by a guidewire's design and manufacturing. Our innovative, patented microfabrication process implements specialized cut patterns that translate into higher torque and greater flexibility.



Conventional Core Wire

- The core wire is the main provider of torque. This results in a loss of response the more distal the torque travels along the wire.
- The lack of cut patterns results in no variability in softness or stiffness along the wire body as the wire travels through the vasculature.



Microfabricated Tube

- The nitinol tube is the main provider of torque. This results in uniform torque transmission from proximal end to distal end of the wire, providing a higher degree of end-to-end control.
- Patented cut patterns along the wire body provide flexibility and support based on the anatomy.

Go big or go home.

A larger diameter doesn't have to mean stiffness, bulk, or more risk to the patient. By applying our patented technologies to larger macrowires, we see the benefits of larger wires that marry the sweet spot of support and flexibility.

Aristotle® 24 pairs ideally with 0.027-inch catheters and above for reduced ledge effect by reducing the gap between the wire and catheter. That reduces ledge effect by better matching the inner diameter of a catheter to the outer diameter of our guidewire.

Aristotle® Colossus paves the way for the future of neurovascular disease treatment with our largest diameter wire designed for safe access, even of distal anatomy. Created to distribute force at the tip over a larger area, **Aristotle® Colossus** can provide reduced pressure when in contact with a vessel wall.

