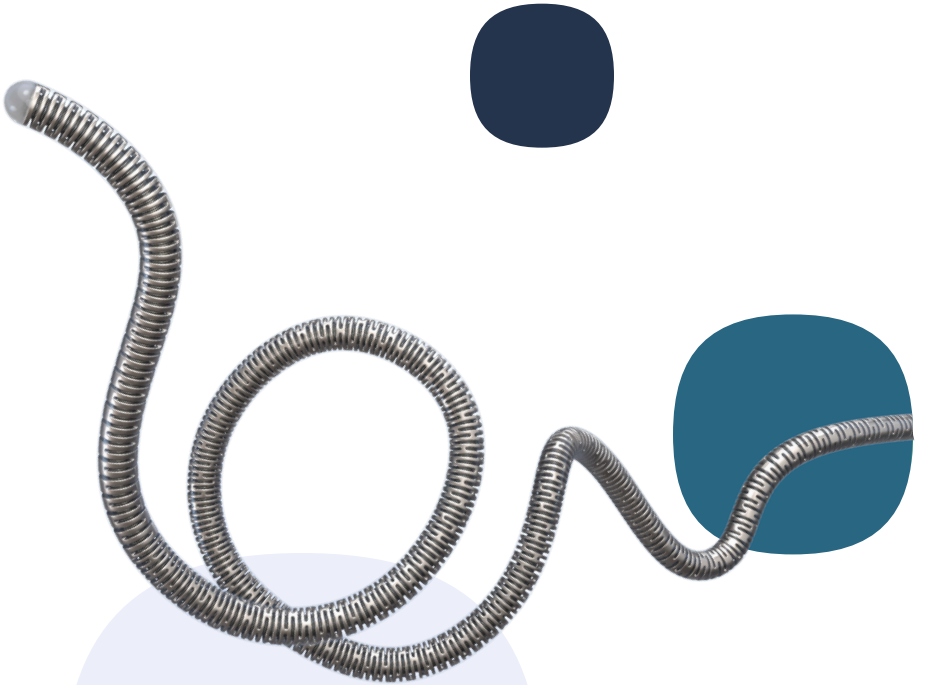
# **Aristotle®** 14 Guidewires

Welcome to the next generation of microfabrication.

- **Aristotle® 14** provides our most comprehensive spectrum of flexibility profiles—soft, standard, support, and extra support–providing tailored solutions for any procedure.
- Tip softness with unmatched torque transmission results in responsiveness that is improved when compared to competitor guidewires.
- The **Aristotle®** Zoom Wire® 14 Guidewire optimizes microfabrication design principles to provide the most support from our **Aristotle® 14** line for device delivery.



**Indications**
The **Aristotle® 14** and **Aristotle® Zoom Wire® 14** 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.

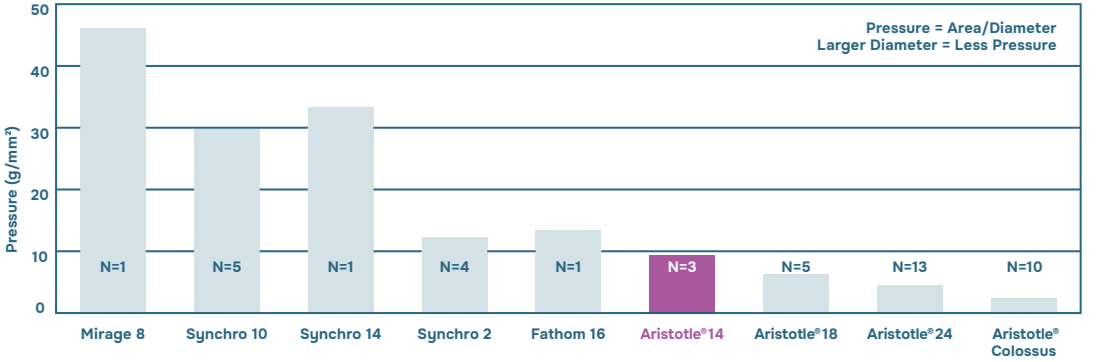
**Contraindications**
None known.

**Warnings and precautions**
The **Aristotle® 14** and **Aristotle® Zoom Wire® 14** Guidewires 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.



| **Aristotle® 14 and Aristotle® Zoom Wire® 14 Guidewires** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Wire type | SOFT | STANDARD | SUPPORT | EXTRA SUPPORT | SOFT Exchange | STANDARD Exchange | SUPPORT Exchange | EXTRA SUPPORT Exchange |
| Product ref | A14-200-001 | A14-200-002 | Z14-200-003 | Z14-200-004 | A14-300-001 | A14-300-002 | Z14-300-003 | Z14-300-004 |
| Overall length | 200 cm | 200 cm | 200 cm | 200 cm | 300 cm | 300 cm | 300 cm | 300 cm |
| Microfabricated length | 35 cm | 35 cm | 35 cm | 35 cm | 35 cm | 35 cm | 35 cm | 35 cm |
| Distal flex zone | 35 cm | 35 cm | 35 cm | 35 cm | 35 cm | 35 cm | 35 cm | 35 cm |
| Hydrophilic coating length | 46 cm | 46 cm | 46 cm | 46 cm | 46 cm | 46 cm | 46 cm | 46 cm |
| Guidewire outer diameter | 0.014 in | 0.014 in | 0.014 in | 0.014 in | 0.014 in | 0.014 in | 0.014 in | 0.014 in |
| Radiopaque length | 10 cm | 10 cm | 10 cm | 10 cm | 10 cm | 10 cm | 10 cm | 10 cm |




Scientia Vascular Inc.
2460 South 3270 West

1.888.385.9016
scientiavascular.com

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MKT-00125 Rev A

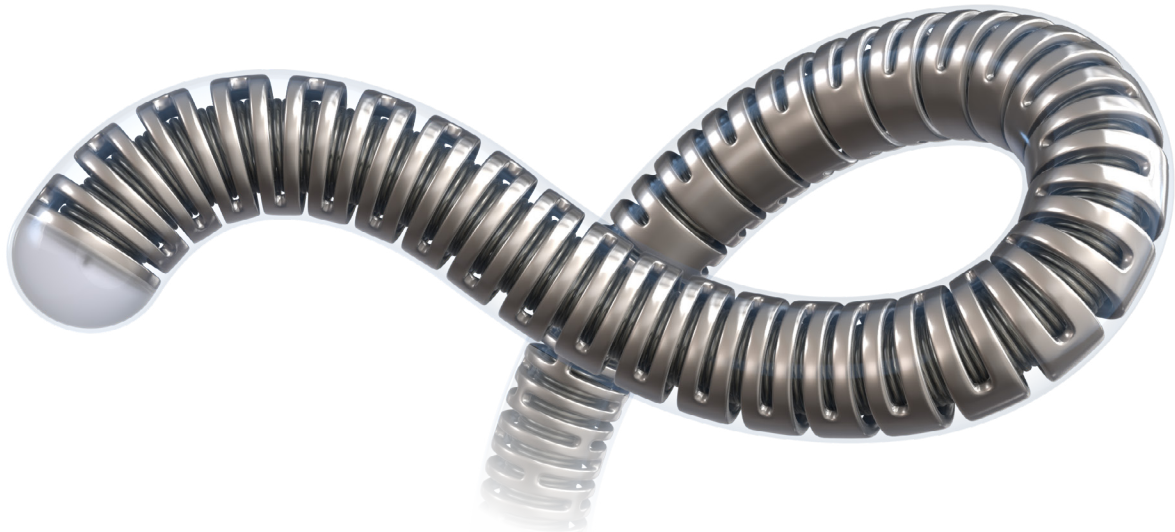
# **Aristotle®** Guidewires

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


**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 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.

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**
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**Contraindications**
None known.




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MKT-00124 Rev A

# Access is therapy.

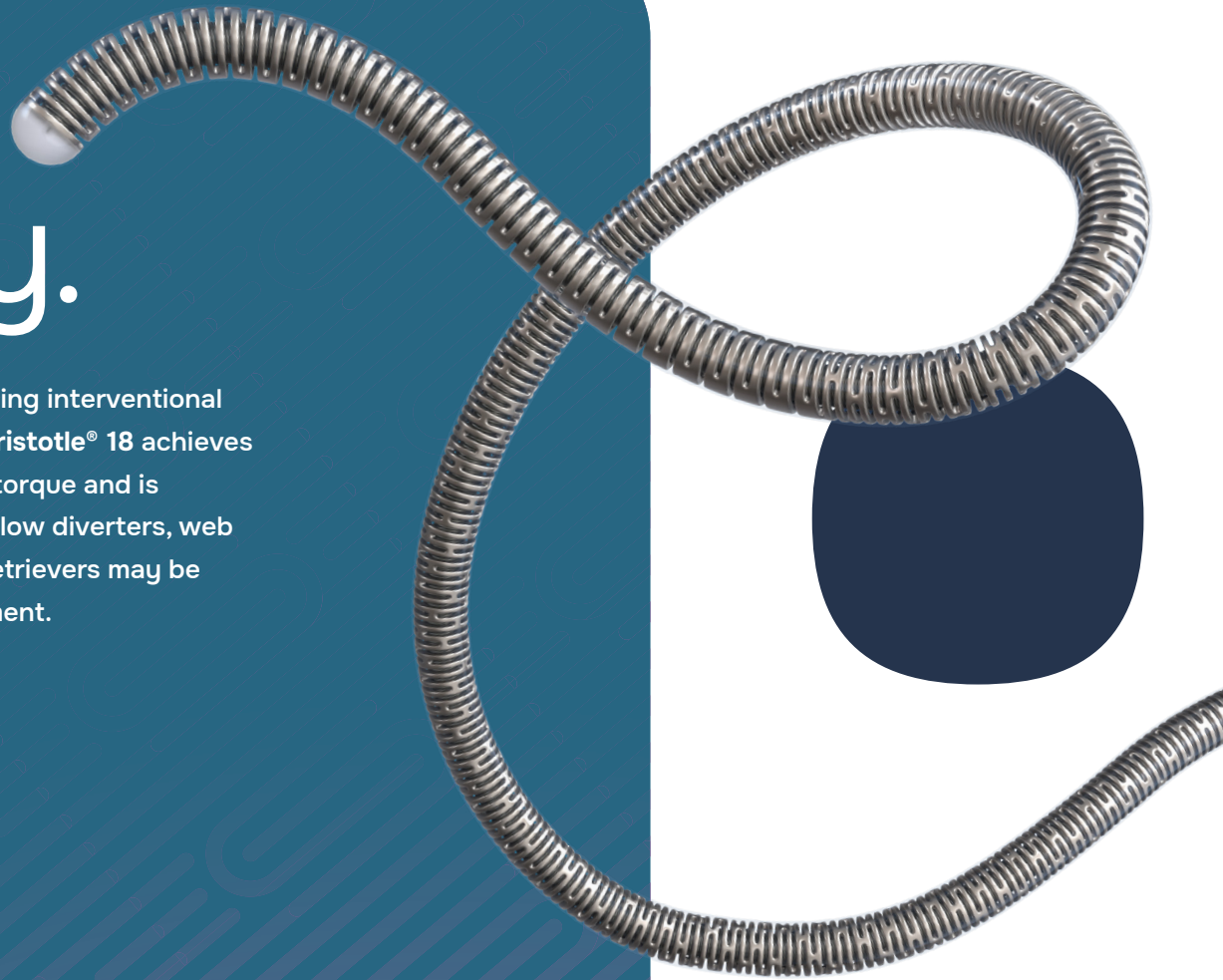
At Scientia Vascular, we believe that without access, therapy can not exist. We combine knowledge and technology with precision and quality to bring new solutions to patients. Through cutting-edge innovation, we're driving our mission to radically disrupt the way diseases are treated.

# 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.™

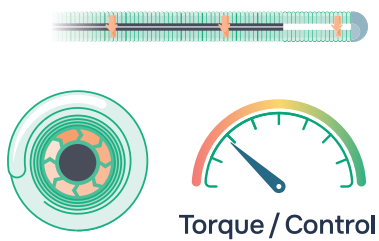
In our **Aristotle® 14** line, we offer eight different configurations, to provide a tailored approach to treatment.

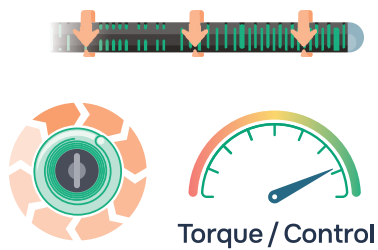
Compared to leading interventional guidewires, the **Aristotle® 18** achieves near one-to-one torque and is desireable when flow diverters, web devices, or clot-retrievers may be needed for treatment.



# 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.