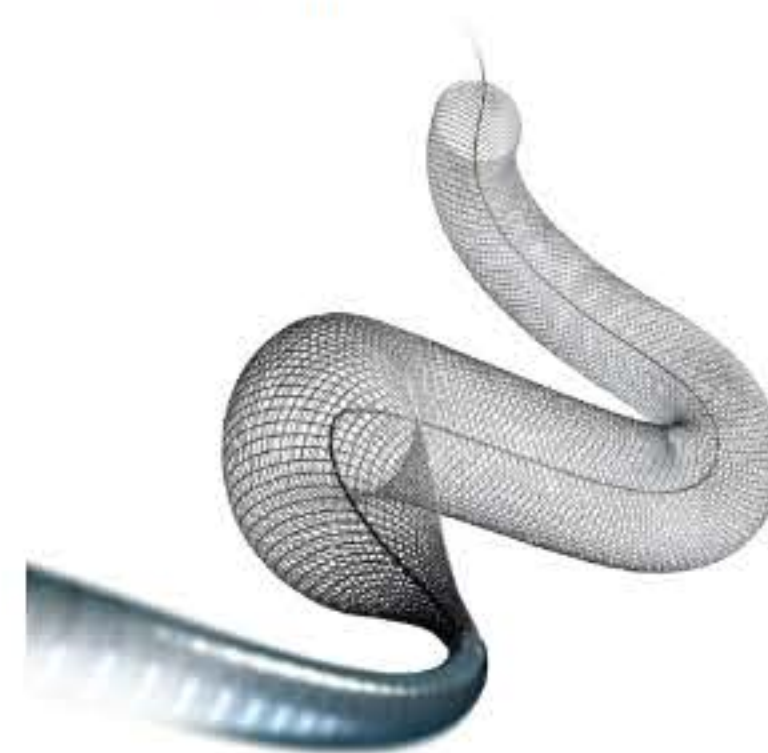


PIPELINE™ VANTAGE EMBOLIZATION DEVICE WITH SHIELD TECHNOLOGY™

Hemorrhagic Stroke

After more than 10 years of development in flow diversion therapies, the 4th generation Pipeline™ VANTAGE Embolization Device with Shield Technology™ continues the legacy by providing meaningful innovation with delivered enhancements in biomaterial science & technology.

[DOWNLOAD BROCHURE](#)

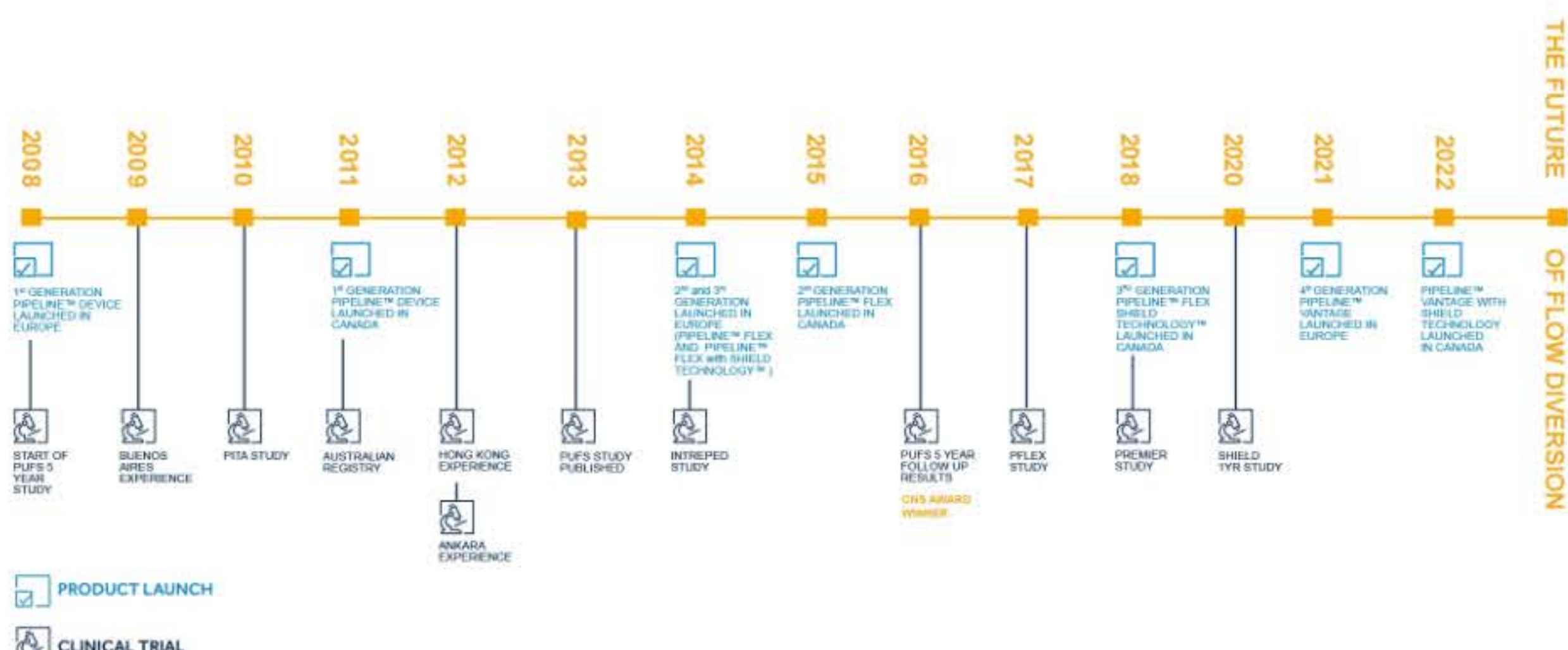


OVERVIEW

Medtronic Neurovascular has been leading the way in flow diversion for over 10 years.

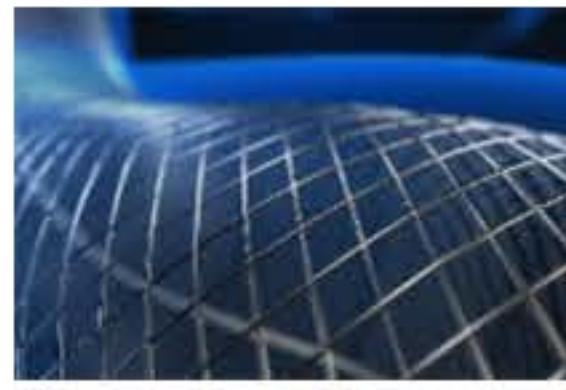
Our lasting commitment to evidence-based medicine and clinically proven safety and efficacy is demonstrated in our legacy of robust clinical trials. Through this commitment, we are driven towards advancing flow diversion

- Pipeline™ Flex Embolization Device with Shield Technology™
- Pipeline™ Vantage Embolization Device with Shield Technology™




Promote Tissue Endothelialization Via Balance of 4 key elements

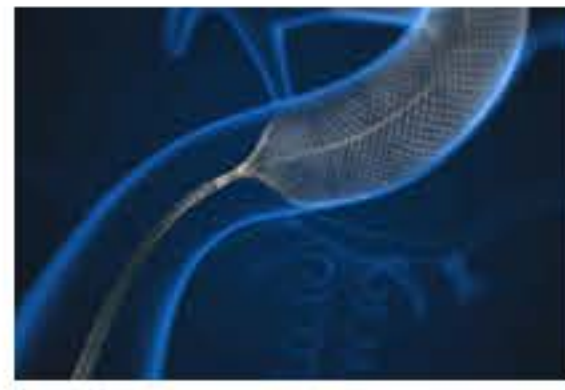
Enhanced Scaffolding Effect To Optimize Vessel Remodeling



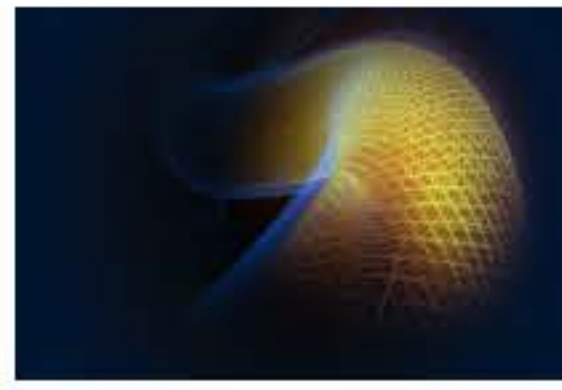
Optimized Pore Density



Optimized Wall Thickness



Enhanced Wall apposition



Shield Technology™

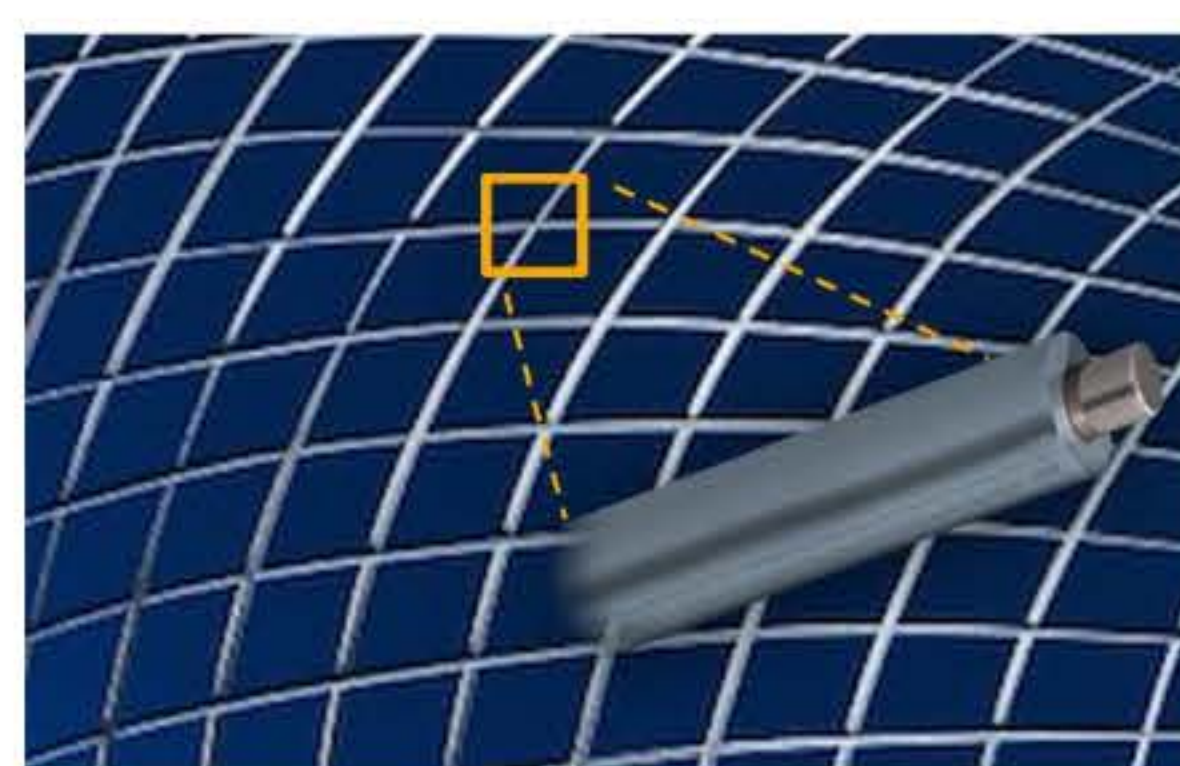
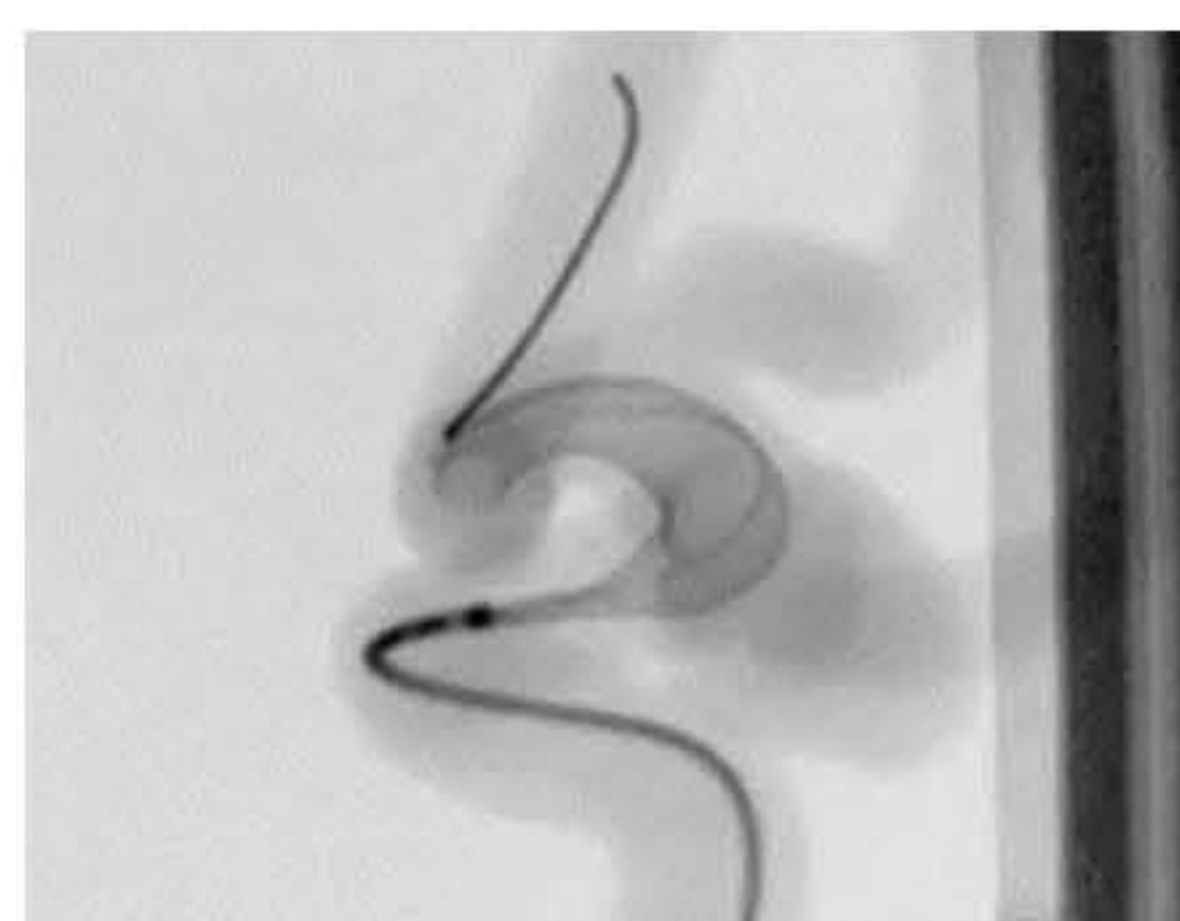
PIPELINE™ FLEX



Separate montofilaments:

- Cobalt chromium wires for implant shape memory
- Platinum wires for implant visibility

PIPELINE™ VANTAGE



Pipeline™ Vantage Embolization Device With Shield Technology™ wires

Integrated wire design:

- Drawn filled tube with a cobalt chromium (CoCr) shell and platinum core + 16 solid CoCr wires

Higher Wire Count

The large diameter 64 wire Pipeline™ Vantage braids increase relative pore density, reduce wall thickness & maintain metal surface coverage in the same range as the predicate device.



PIPELINE™ FLEX¹

48 wires for all braid diameters
2.50-5.00 mm



Pipeline™ Vantage Embolization Device With Shield Technology™ braid

PIPELINE™ VANTAGE²

48 wires for 2.50-3.50 mm braids
64 wires for 4.00-6.00 mm braids

Access Distal Anatomy

- .021"** COMPATIBLE FOR SMALL DIAMETERS
- .027"** COMPATIBLE FOR LARGE DIAMETERS

¹ Medtronic Study Marketing Claims Validation Report D00119680 Rev. A

² Pre-Clinical Publication: Matsuda Y, Chung J, Lopes DK Analysis of neointima development in flow diverters using optical coherence tomography Imaging Journal of NeuroInterventional Surgery 2018;10:162-167.

*The Pipeline™ Embolization Device (Classic) is no longer licensed for sale in Canada.



PATIENTS AND CAREGIVERS

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