

Medtronic

MVP™ Micro Vascular Plug System

Less is



**A single-device approach** for rapid occlusion and shorter procedure time.<sup>1</sup>

# A single-device approach

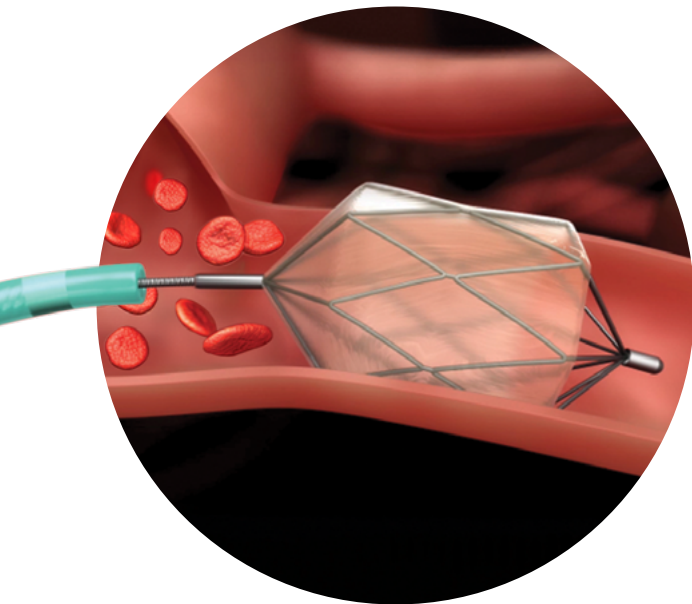


The MVP device offers a one-device approach with rapid occlusion.<sup>1,2</sup>

This reduces procedure time and radiation exposure.<sup>1</sup>

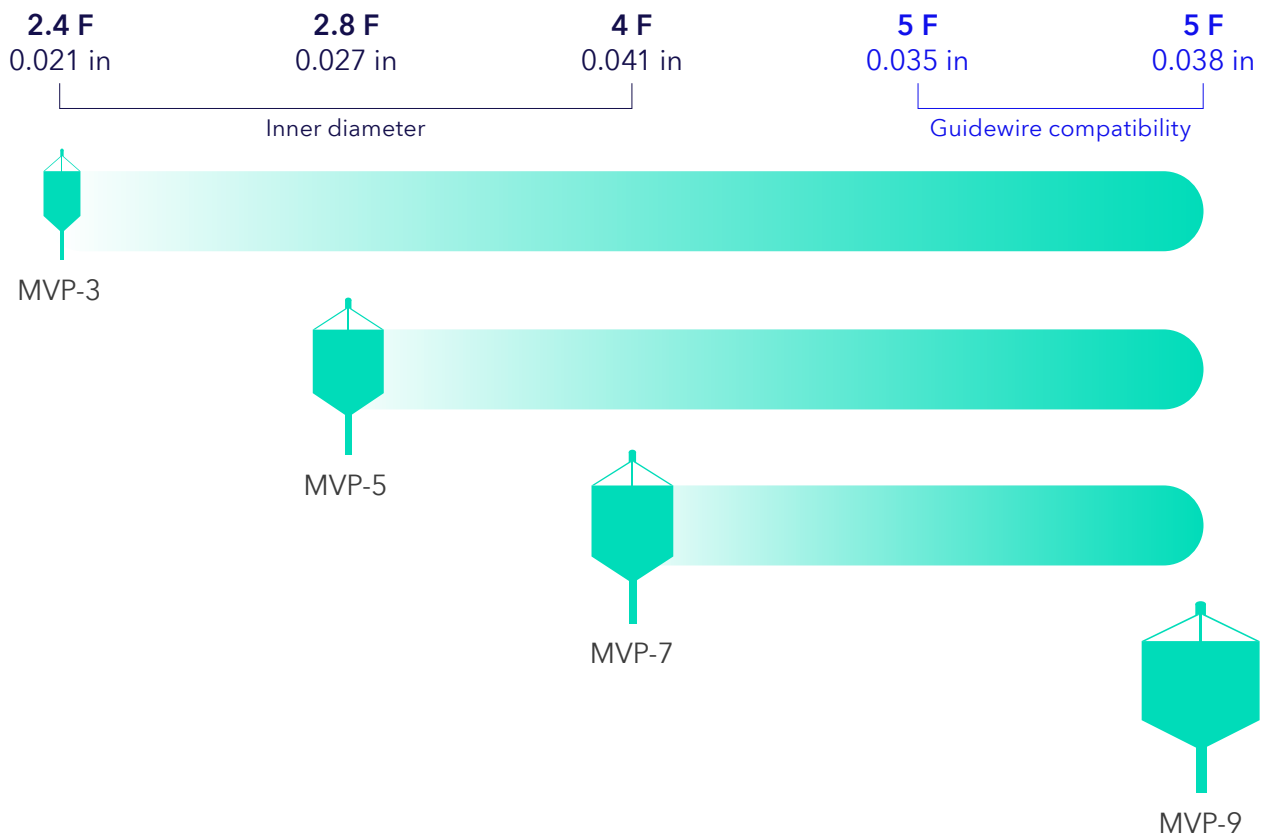


The MVP device can be delivered to super-selective vasculature due to its flexible delivery design through a microcatheter.<sup>2</sup>



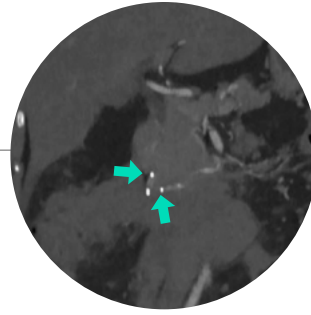
## Microcatheter compatible

MVP micro vascular plug is compatible with both micro and diagnostic catheters.

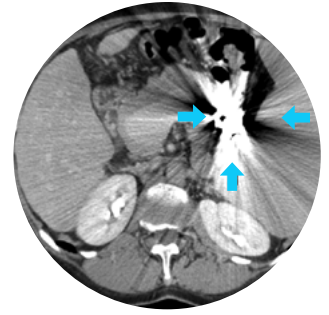


Risks include embolic event, vessel trauma, device migration, allergic reaction, stroke.

MVP device



Coils



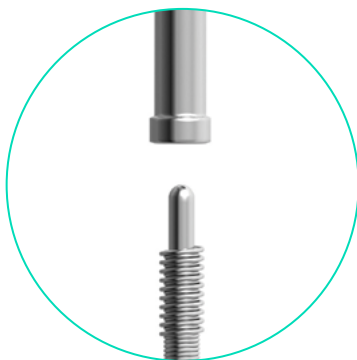
The MVP device provides a **smooth and controlled procedure.**<sup>1</sup>

It brings a combination of carefully engineered design features.

Limited presence of metal means **minimal CT artifacts**<sup>†,3</sup>

Distal radiopaque marker for **fluoroscopic visualisation**

PTFE cover creates rapid occlusion and **prevents recanalisation**<sup>2</sup>



Easy and reliable **detachment system**<sup>2</sup>

Proximal radiopaque marker for **fluoroscopic visualisation**

Soft wire for **smooth navigation**<sup>2</sup>

**Fully resheathable and repositionable** during deployment<sup>‡</sup>

<sup>†</sup> Images are property of Medtronic.  
<sup>‡</sup> Up to three times.

Microvascular Plug Specifications					Recommended microcatheter / catheter specifications			
Product code	Recommended vessel size	Unconstrained diameter	Unconstrained length	Delivery wire length	Min. inner diameter	Min. outer diameter	Guidewire compatibility	Max. length
MVP-3Q	1.5-3.0 mm	5.3 mm	12 mm	180 cm	0.021"	2.4F	0.014" - 0.018"	153 cm
MVP-5Q	3.0-5.0 mm	6.5 mm	12 mm	180 cm	0.027"	2.8F	0.021" - 0.025"	153 cm
MVP-7Q	5.0-7.0 mm	9.2 mm	16 mm	165 cm	0.041"	4F	0.035" - 0.038"	120 cm
MVP-9Q	7.0-9.0 mm	13.0 mm	18 mm	165 cm	0.043"	5F	0.038"	120 cm

1. Pellerin O, Maleux G, Dean C, Pernot S, Golzarian J, Sapoval M. Microvascular Plug: A New Embolic Material for Hepatic Arterial Skeletonization. *Cardiovasc Interv Radiol*. December 2014;37(6):1597-1601.
2. Based on TR13-067 rev B/TR13-081 Rev A/TR12-054 REV A/TR14-061 Rev A/TR14-062 Rev A/TR14-065 Rev A. Medtronic data on file. Bench test data may not be indicative of clinical performance.
3. Park JJ, Park JM. Reduced Metal Artifacts on CT Utilizing the Medtronic MVP Microvascular Plug System. *Endovascular Today*. October 2017;16(10):34-36.

This material should not be considered the exclusive source of information, it does not replace or supersede information contained in the device manual(s).

Please note that the intended use of a product may vary depending on geographical approvals.

See the device manual(s) for detailed information regarding the intended use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events.

For a MRI compatible device(s), consult the MRI information in the device manual(s) before performing a MRI.

If a device is eligible for eIFU usage, instructions for use can be found at Medtronic's website manuals.medtronic.com.

Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.

Medtronic products placed on European markets bear the CE mark and the UKCA mark (if applicable).

For any further information, contact your local Medtronic representative and/or consult Medtronic's websites.

# Medtronic

Europe  
 Medtronic International Trading Sàrl.  
 Route du Molliau 31  
 Case postale  
 CH-1131 Tolochenaz  
 Tel: +41 (0)21 802 70 00  
 Fax: +41 (0)21 802 79 00

[medtronic.eu/mvp](http://medtronic.eu/mvp)

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