



AZUR™ Peripheral Hydrocoils Embolization System – Expanding your capabilities

Pushable 18 System/Pack of 3 coils

Product Code	Loop Diameter	Length*
MV45280202	2 mm	2 cm
MV45280302	3 mm	2 cm
MV45280304	3 mm	4 cm
MV45280402	4 mm	2 cm
MV45280404	4 mm	4 cm
MV45280406	4 mm	6 cm
MV45280504	5 mm	4 cm
MV45280506	5 mm	6 cm
MV45280510	5 mm	10 cm
MV45280606	6 mm	6 cm
MV45280610	6 mm	10 cm
MV45280614	6 mm	14 cm
MV45280810	8 mm	10 cm
MV45280814	8 mm	14 cm
MV45281014	10 mm	14 cm

Pushable 35 System/Pack of 3 coils

Product Code	Loop Diameter	Length*
MV45250404	4 mm	4 cm
MV45250406	4 mm	6 cm
MV45250506	5 mm	6 cm
MV45250510	5 mm	10 cm
MV45250610	6 mm	10 cm
MV45250810	8 mm	10 cm
MV45250814	8 mm	14 cm
MV45251014	10 mm	14 cm
MV45251514	15 mm	14 cm

* Length is calculated from the tip of the coil to the point of connexion with the pusher wire when the coil is straight

Detachable 18 System/Pack of 1 coil

Product Code	Loop Diameter	Length*
MV45480410	4 mm	10 cm
MV45480610	6 mm	10 cm
MV45480810	8 mm	10 cm
MV45480815	8 mm	15 cm
MV45480820	8 mm	20 cm
MV45481010	10 mm	10 cm
MV45481015	10 mm	15 cm
MV45481020	10 mm	20 cm
MV45481515	15 mm	15 cm
MV45481520	15 mm	20 cm
MV45482020	20 mm	20 cm

Detachment Controller For Use With Detachable System/Pack of 5 units

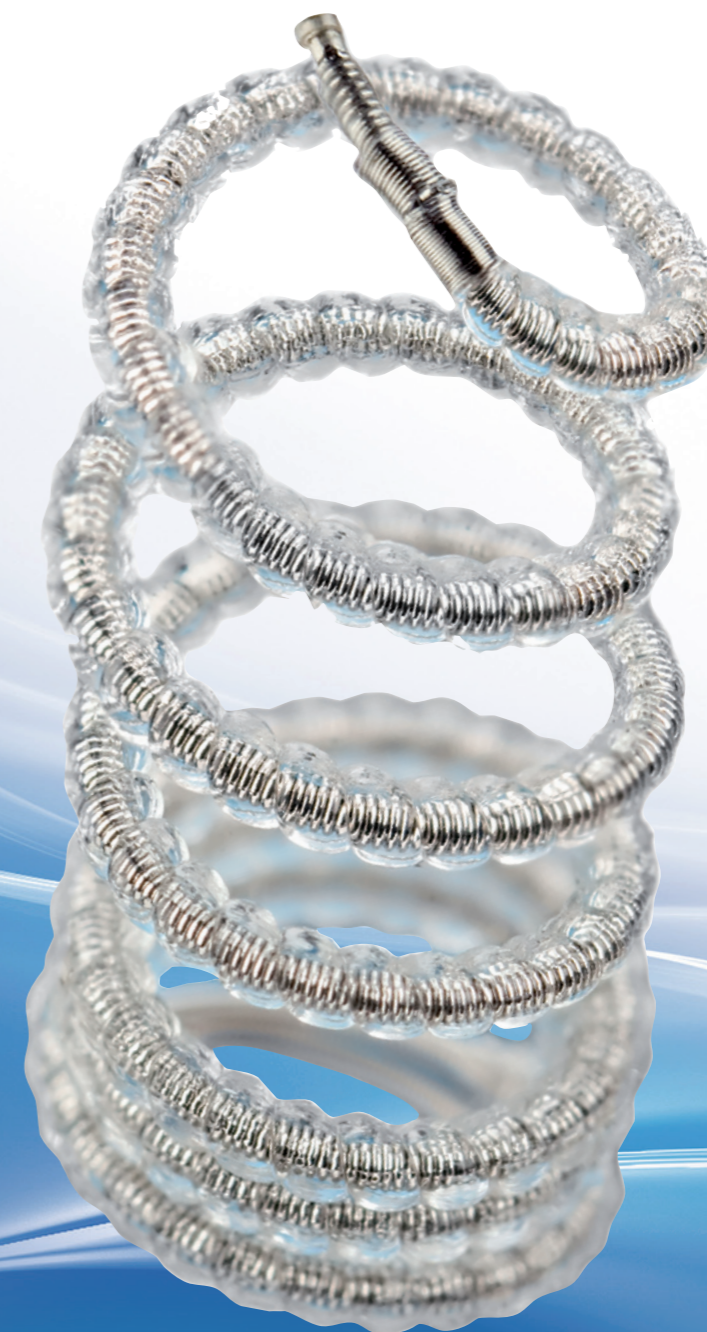
Product Code	Product Description
MV454001	AZUR Detachment Controller

Compatibility

AZUR™ Hydrocoil®	Catheter	Guidewire
Pushable 0.018"	PROGREAT 2.4 Fr	0.016" or 0.018"
Pushable 0.035"	Glidecath 4 or 5 Fr	0.035" or 0.038"
Detachable 0.018"	PROGREAT 2.8 Fr	0.016" or 0.018"

AZUR™

Peripheral HydroCoil® Embolization System



Every day, as healthcare professionals, you are working to ensure life and to contribute to the well-being of your patients. Every day, **Terumo Europe** provides you with the clinical systems, means and solutions to keep life flowing.

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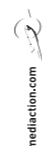
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Unique Hydrogel Coating

The New Generation of peripheral coils



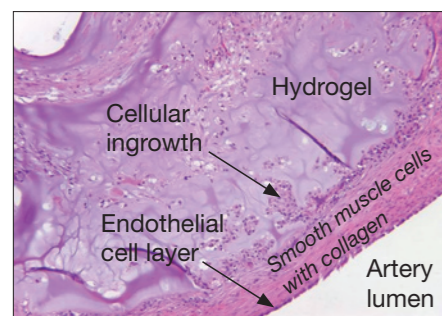
A Unique Technology of Expansion

AZUR™ peripheral hydrocoil Embolization System combines a platinum coil and an expandable hydrogel polymer. The hydrogel coating expands in the direction of less resistance when introduced into the bloodstream with a force of 2.7 grams. It offers :

- **Unique mechanical occlusion**
- **Superior volume filling and packing density**
 - Up to 5 times more volume filling than conventional coils for 0.018"
 - Up to 4 times more volume filling than conventional coils for 0.035"

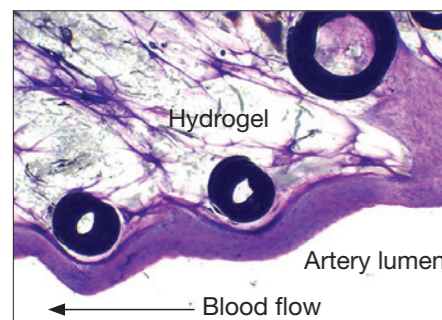
AZUR Hydrocoil	Diameter non-expanded	Diameter expanded* (maximum)
**Detachable 0.018"	0.018"	0.034"
Pushable 0.035"	0.022"	0.046"
Pushable 0.018" 2-3mm	0.014"	0.039"
Pushable 0.018" 4-10mm	0.014"	0.034"

*80% expansion in 5 minutes, 100% expansion in 20 minutes **With the overcoil (without is 0.014")



Endothelial formation.

This image illustrates the growth of neointima at the neck of an aneurysm in a rabbit model. Hydrogel facilitates this process.



Expanding in the direction of least resistance.

As this image illustrates, hydrogel expands in the direction of the flow—not in the direction of the parent vessel below.

Once expanded, the Hydrogel remains soft and conformable. It provides a stable and permanent platform for blood stasis, thrombus organization and neointima formation.

The studies performed have shown that the Hydrogel is an inert substance that does not contain or produce biologics, is not associated with any known toxicity, in in-vivo material hypersensitivity, or interaction with other embolic agents, will not degrade or break down.

A Unique measure of control

TWO DISTINCT OPTIONS :

AZUR™ detachable system is the first detachable system for peripheral use that :

- Can be detached in less than a second at the push of a button
- Confirms detachment by LED light
- Can be retracted and repositioned, reducing risk of migration

AZUR™ pushable system :

- Has been specifically designed to be pushed with a TERUMO guidewire

AZUR™ detachable and AZUR™ pushable offer the same expanding technology that delivers :

- Mechanical occlusion without the need to wait for thrombus formation
- Superior volume filling, packing density, and occlusion efficacy ^{1,2}
- Superior mechanical stability
- Increased delivery control
- Increased long-term durability

With AZUR™ hydrocoils, you can now achieve optimal efficiency and maximum occlusion in a wider range of procedure, using the fewest coils possible.

AZUR™

Peripheral HydroCoil®
Embolization System
Expanding your capabilities.



Watch this little coil



become
the biggest thing



in peripheral
embolization



A validated Technology

Hydrocoils have been clinically used for more than 5 years in cerebral aneurysms, GI bleedings, visceral aneurysms, pulmonary AVMs, trauma. They have been analysed in more than 200 laboratory studies, 20 peer-reviewed articles, 100 oral and poster presentations that demonstrate :

- Lower vascular recurrence rates versus platinum and PGLA coils ^{3,4}
- Enhanced reconstruction of the artery wall versus platinum coils ^{4,5,6}
- Increased filling with fewer coils than previously required ^{1,2}

References:

1. Sluzewski M, van Rooij WJ, Slob MJ, Bescós JO, Slump CH, Wijnalda D. Relation between aneurysm volume, packing, and compaction in 145 cerebral aneurysms treated with coils. *Radiology*. 2004;231(3):653-658.
2. Cloft HJ, Kalimes DF. Aneurysm packing with HydroCoil Embolic System versus platinum coils: initial clinical experience. *AJNR Am J Neuroradiol*. 2004;25(1):60-62.
3. DURABLE Multi-center HES Registry (Albany Medical Center, Beaumont Regional Medical Center, Loyola University Medical Center) of 260 aneurysms with 186 follow-ups treated with HydroCoil. Presented at ABC/WIN. 2006.
4. Plenk H, Killel M, Rischling B. Pathophysiologic considerations on HydroCoil- and platinum coil-occluded retrieved human cerebral aneurysms. Presented at ASITN MicroVention Symposium. 2005.
5. Virmani R. Healing and inflammation in experimental and clinical aneurysms. Presented at WFITN. 2005.
6. Ding YH, Dai D, Lewis DA, Cloft HJ, Kalimes DF. Angiographic and histologic analysis of experimental aneurysms embolized with platinum coils, Matrix, and HydroCoil. *AJNR Am J Neuroradiol*. 2005;26(7):1757-1763.