

# HydroFrame® Coils

HydroCoil® Embolic System



## Versatile Design

- Self-bracing, progressive loop size 3D shape
- Conforms to diverse aneurysm morphologies
- Designed to deliver soft, stable loops of hydrogel at the aneurysm neck

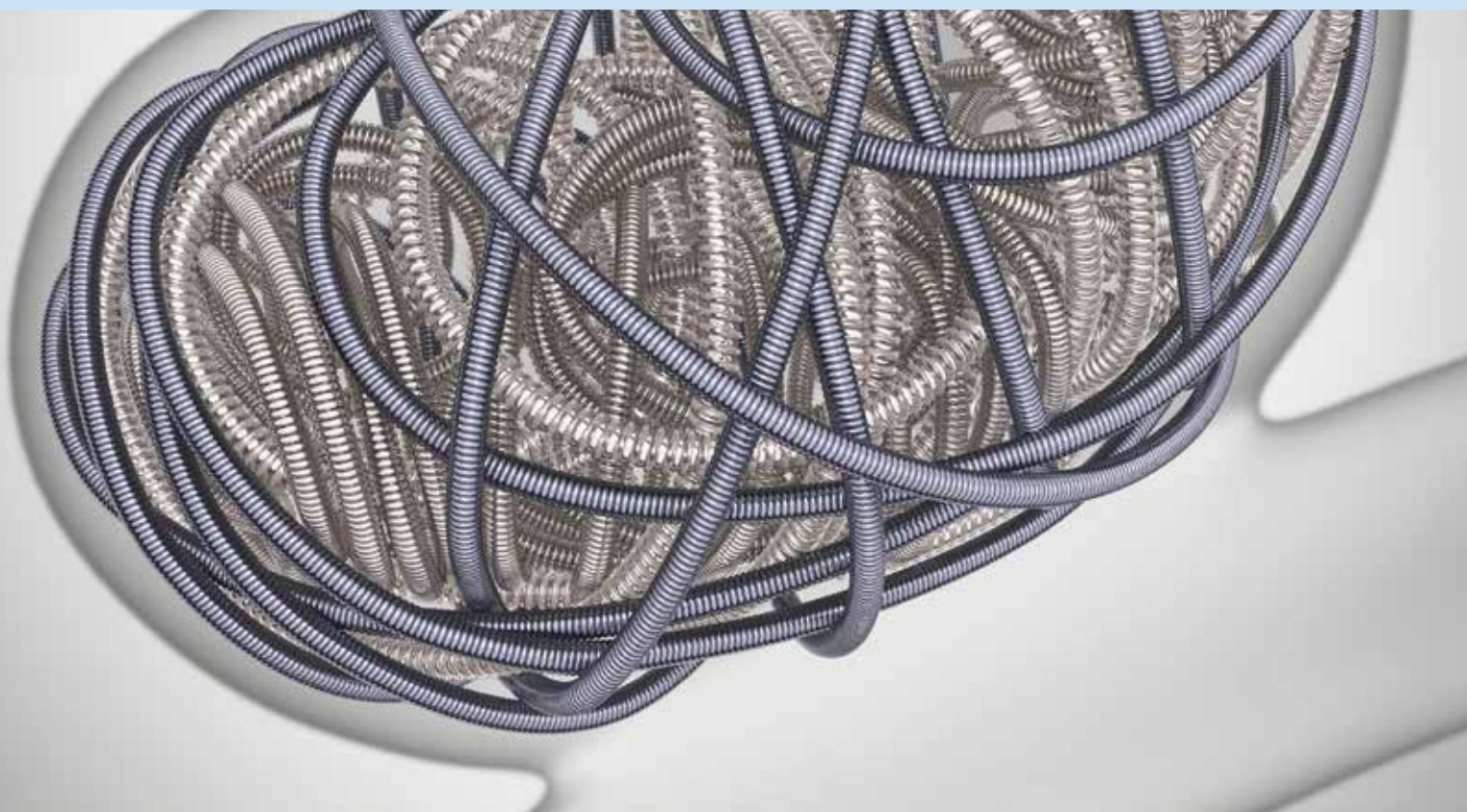


## Hydrogel at the Aneurysm Neck

Eleven (11) HydroFrame® coils used to frame and concentrically fill an 11mm Acom aneurysm; two (2) HydroSoft® coils used to finish with gel-at-the-neck\*

- Hydrogel provides a mechanical scaffolding to facilitate neointima formation across the neck<sup>1</sup>

\* Image courtesy of Josser Delgado, M.D., Abbott Northwestern Hospital, Minneapolis, MN

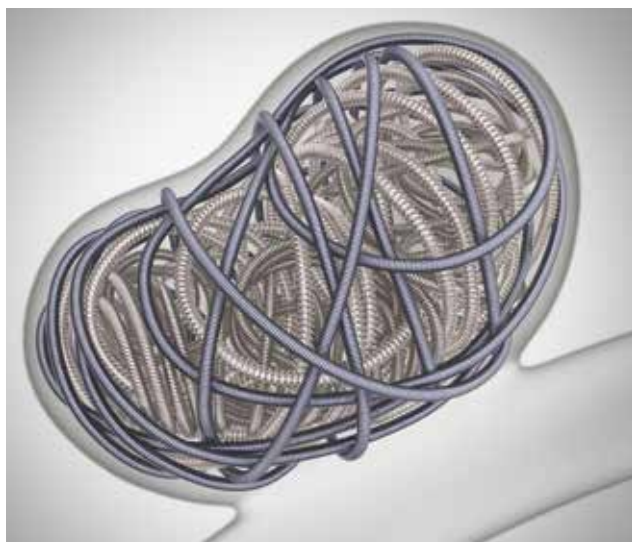


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## Ease of Use

- Delivery characteristics similar to a bare platinum coil
- Delivered with the V-Trak® Advanced Delivery System
- Compatible with  $\geq 0.0165$ " inner diameter microcatheters



## HydroFrame® Sizes

	CATALOG REFERENCE NO.	COIL SIZE	LOOP DIAMETER (mm)	LENGTH (cm)
SOFT	100405HFRM-V	10	4	5
	100408HFRM-V	10	4	8
	100410HFRM-V	10	4	10
	100415HFRM-V	10	4	15
	100510HFRM-V	10	5	10
	100515HFRM-V	10	5	15
	100520HFRM-V	10	5	20
	100612HFRM-V	10	6	12
	100619HFRM-V	10	6	19
	100715HFRM-V	10	7	15
	100728HFRM-V	10	7	28
	100817HFRM-V	10	8	17
	100833HFRM-V	10	8	33
	100931HFRM-V	10	9	31
101036HFRM-V	10	10	36	
STANDARD	180619HFRM-V	18	6	19
	180723HFRM-V	18	7	23
	180827HFRM-V	18	8	27
	180931HFRM-V	18	9	31
	181036HFRM-V	18	10	36
	181139HFRM-V	18	11	39
	181243HFRM-V	18	12	43
	181347HFRM-V	18	13	47
	181445HFRM-V	18	14	45
	181644HFRM-V	18	16	44
181850HFRM-V	18	18	50	
182048HFRM-V	18	20	48	

### REFERENCES:

1. Tsumoto, Niimi, and Berenstein. Evaluation of the new HydroSoft coil in a canine model of bifurcation aneurysm: laboratory investigation. *Journal of Neurosurgery*; 111:11-16, July 2009.

### INDICATIONS FOR USE:

The HydroCoil® Embolic System (HES) is intended for the endovascular embolization of intracranial aneurysms and other neurovascular abnormalities such as arteriovenous malformations and arteriovenous fistulae. The HES is also intended for vascular occlusion of blood vessels within the neurovascular system to permanently obstruct blood flow to an aneurysm or other vascular malformation and for arterial and venous embolizations in the peripheral vasculature. The device should only be used by physicians who have undergone pre-clinical training in all aspects of HES procedures as prescribed by MicroVention.

### RX Only: Federal (USA) law restricts this device to sale by or on the order of a physician.

This device should be used only by physicians trained in percutaneous, intravascular techniques and procedures at medical facilities with the appropriate fluoroscopy equipment. The HydroFrame coils should only be used by physicians who have received appropriate training for the device.

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