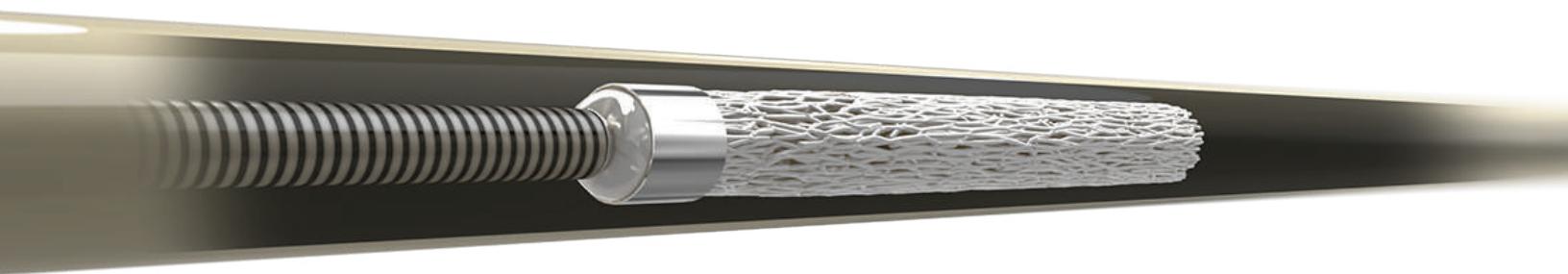


# Shape Memory Polymer

*Expanding Embolization Solutions*



Space-filling  
embolization  
technology

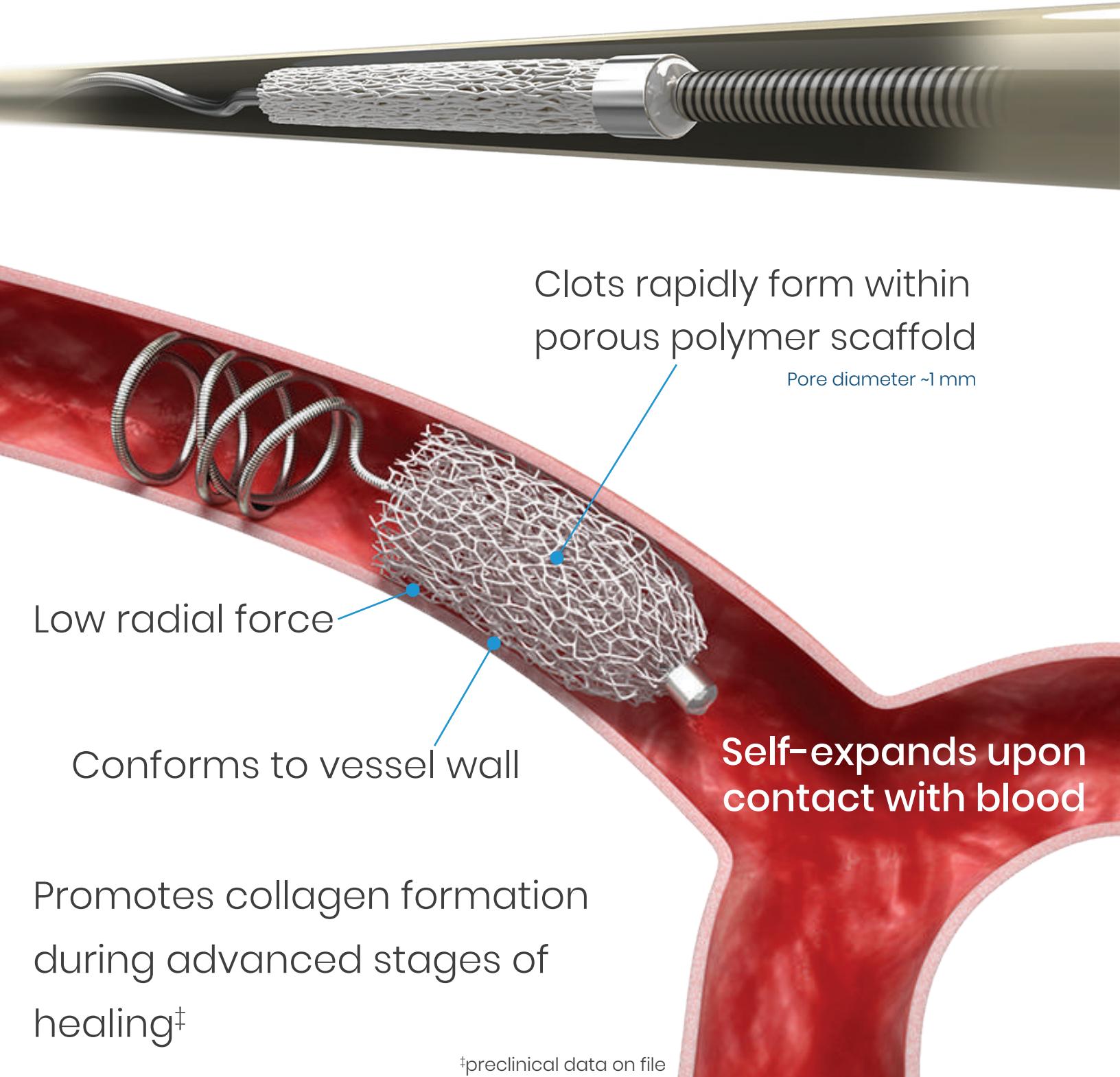


IMPEDE® & IMPEDE-FX

 **shape**  
memory medical

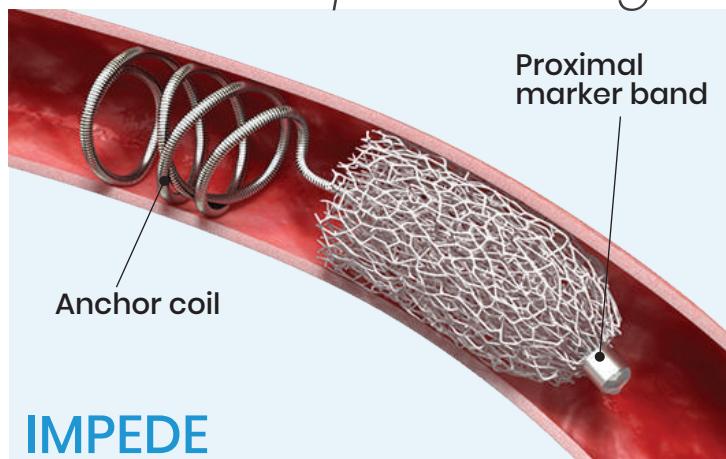
# Shape Memory Polymer Technology

Crimped for catheter delivery

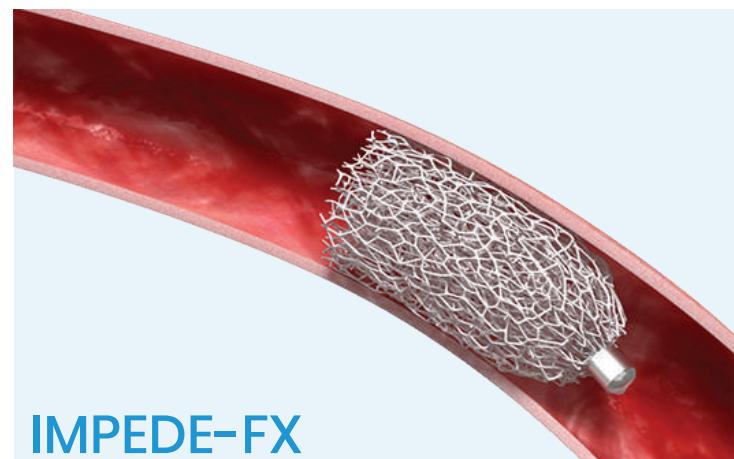


# Advantages in Embolization

Maximum space-filling

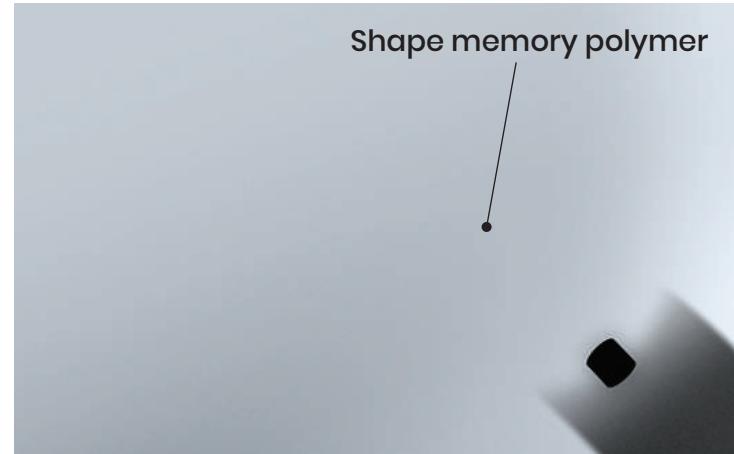
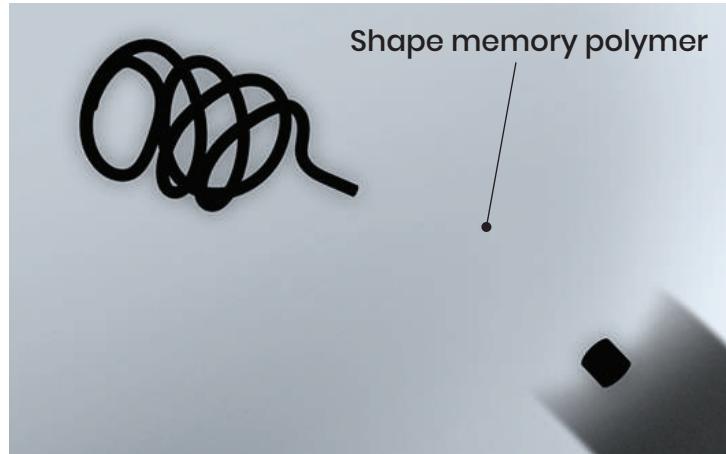


**IMPEDE**



**IMPEDE-FX**

Stable occlusion



Minimal artifact



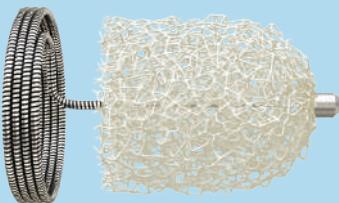
# Dimensions & Details

## IMPEDE

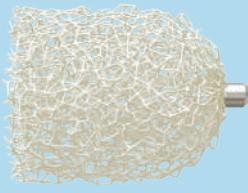
Crimped



Expanded



## IMPEDE-FX



	IMPEDE			IMPEDE-FX		
	IMP-05	IMP-07	IMP-10	IMP-FX-06	IMP-FX-08	IMP-FX-12
Vessel diameter mm	2 - 5	4 - 7	6 - 10	—	—	—
Proximal marker diameter inch	.032	.046	.065	.032	.046	.065
Proximal marker diameter mm	0.81	1.17	1.65	0.81	1.17	1.65
Expanded SMP plug diameter mm	6	8	12	6	8	12
SMP plug length mm	10	10	15	10	10	15
Anchor coil diameter mm	7	9	13	—	—	—
Catheter ID*	min inch	.038	.055	.070	.038	.055
	max	.057	.071	.090	.057	.071
	min mm	0.97	1.40	1.78	0.97	1.40
	max	1.45	1.80	2.29	1.45	1.80

SMP, shape memory polymer. \*Catheter recommendations based on .035" guidewire

**INDICATION:** The IMPEDE Embolization Plug is indicated to obstruct or reduce the rate of blood flow in the peripheral vasculature.

**INDICATION:** The IMPEDE-FX Embolization Plug is indicated to obstruct or reduce the rate of blood flow in the peripheral vasculature.

Indications, contraindications, warnings, and instructions for use can be found in the product labeling supplied with each device.

The images are illustrative and do not represent actual vessel anatomy, nor the actual size of any products.

Patent: [www.shapemem.com/patents](http://www.shapemem.com/patents)

CE 0297

 **shape** memory medical

807 Aldo Avenue, Suite 109, Santa Clara, CA 95054 USA

+1.408.649.5175 | [info@shapemem.com](mailto:info@shapemem.com) | [www.shapemem.com](http://www.shapemem.com)

LIT1001 Rev D