



Option[™] ELITE

Retrievable Vena Cava Filter

Versatility and Proven Safety

Indicated for:

- Temporary or Permanent placement
- Standard or Over-The-Wire Delivery
- Jugular, Femoral, Antecubital, and Popliteal Access



> Proven Safety



OptionTM ELITE

Retrievable Vena Cava Filter

Initial Clinical Trial Results (2010) for the Option IVC Filter¹ | 100 Patients

2.0% Migration

0.0% Fractures

1.0% Perforations

3.0% Occlusion

IVC Filter Performance Data (2012) from Mass General² | 165 Patients

0.0% Migration

0.0% Fractures

1.2% Perforations

0.6% Occlusion

Over five years of positive clinical data;
100% technical and retrieval success
with 0 fractures and 0 migrations in a
recent 165-patient study²

1. The Safety and Effectiveness of the Retrievable Option™ Vena Cava Filter: A United States, Prospective Multicenter Clinical Study Matthew S. Johnson, MD, James F. Benenati, MD, John A. Kaufman, MD, et al. J Vasc Interv Radiol 2010; 21:1173–1184
2. Iqbal SI, Elmi A, Hegdige S, et al. Preliminary Experience With Option Inferior Vena Cava Filter. Vasc and Endo Surg 2012; 47(1) 24-29.

> Versatile Design

Robust Construction

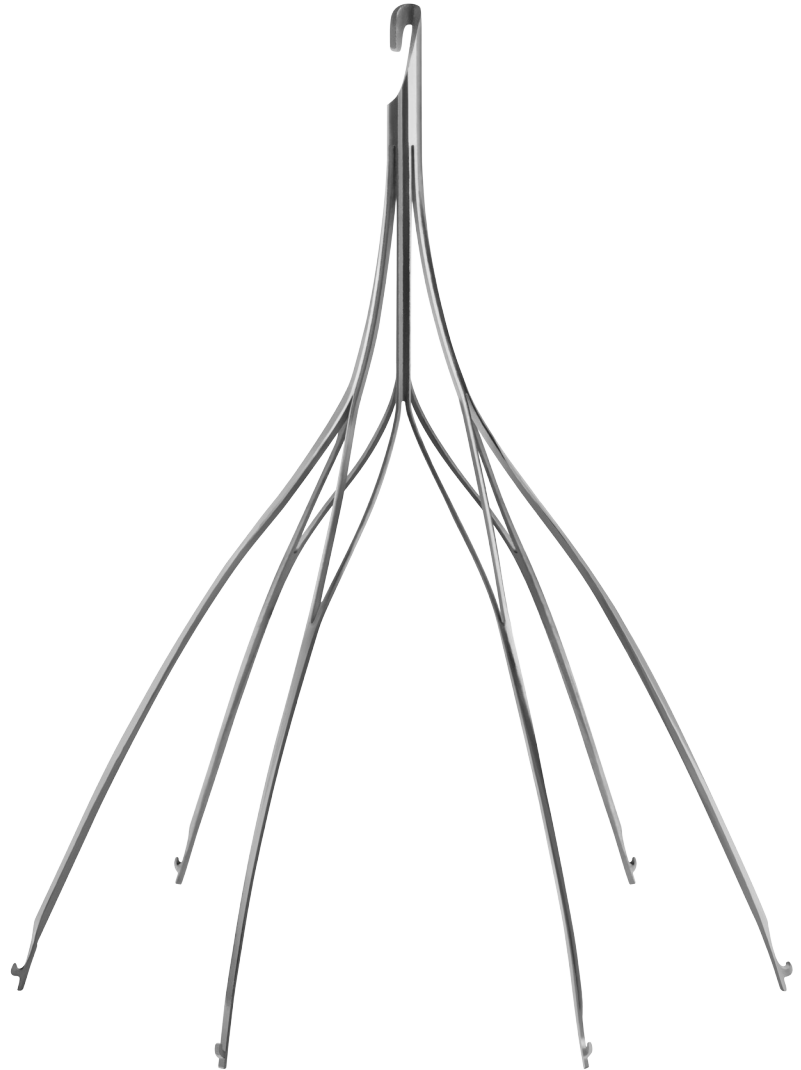
- **Single-piece** design to reduce the risk of fracture caused by bending stress
- Laser-cut from a **nitinol hypotube** to reduce the risk of fracture caused by cyclic stress
- **Electropolished** to improve surface quality and finish

Stability and Security

- **Curved anchors** for cranial migration prevention
- **Grips** for caudal migration prevention
- **Leg extensions** for perforation prevention
- Provides stability in **cavas up to 30mm** in diameter

Easy Retrieval

- Snare the body, not just the hook (**transitionless**)
- **Sturdy hook design** that will not deform during retrieval
- **Six retention anchors** for stability in the IVC and ease of retrievability



> Universal Components

Delivery Sheath

- Low-profile design with a 5 Fr ID
- Integrated side-port for hand-injections
- Hemostatic valve to prevent bleed-back

Dilator

- Reference radiopaque markers spaced 32mm apart
- Side holes arranged in a helix for power injections

Curved Pusher

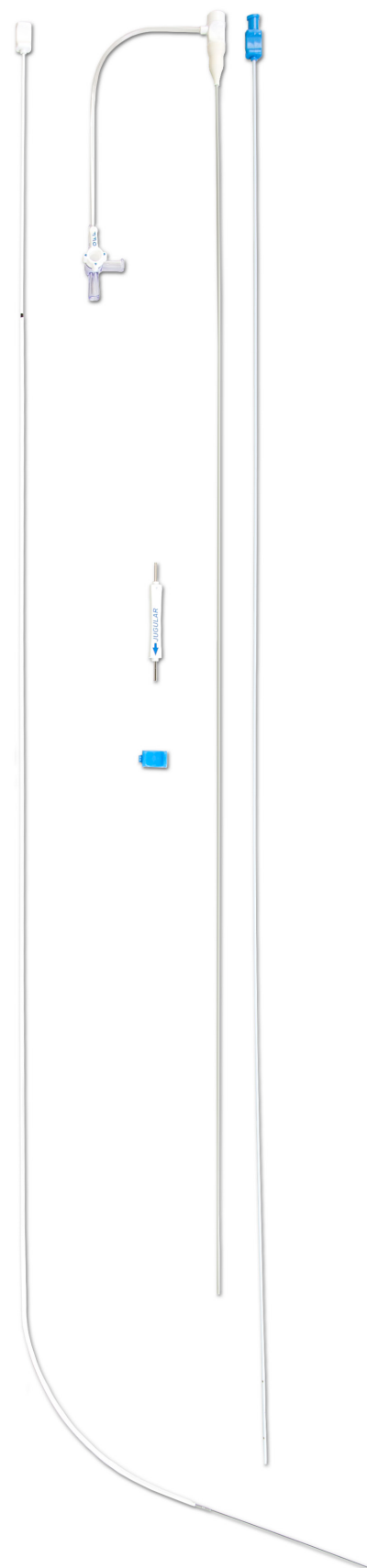
- Aids centering and resists tilt during standard delivery

Cartridge

- Universal color-coded cartridge for Jugular/Femoral placements

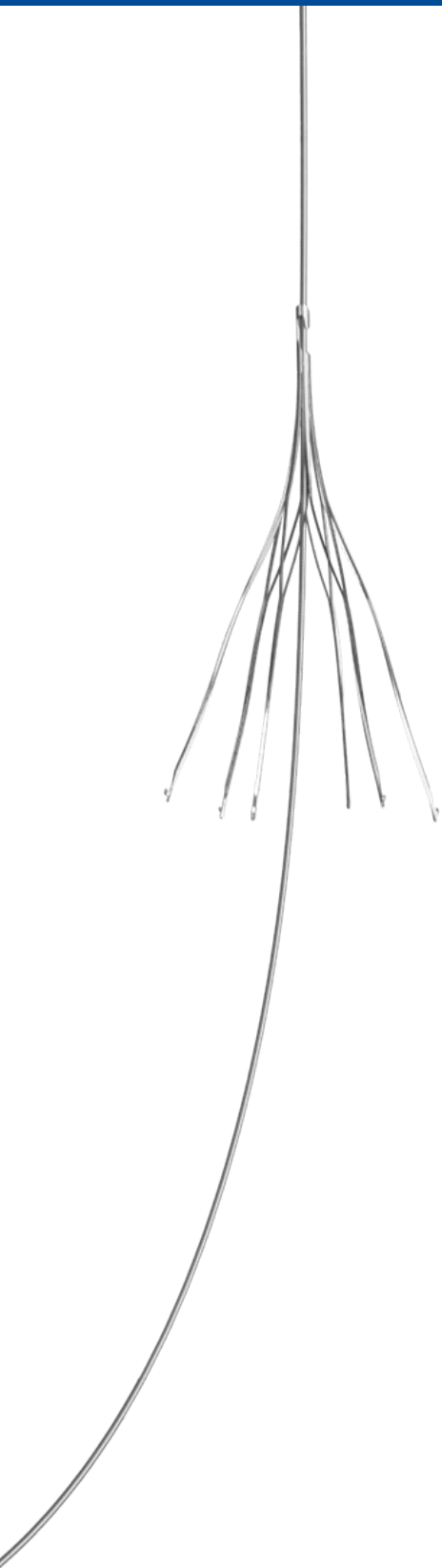
Valve Cap

- Prevents leaking during post-placement cavagrams



ORDERING INFORMATION

352506070E	OptionELITE Vena Cava Filter System	70 cm Delivery Sheath for Jugular or Femoral Placements
352506100E	OptionELITE Vena Cava Filter System	100 cm Delivery Sheath for Antecubital or Popliteal Placements



> Standard or Over-The-Wire Delivery

The only conical retrievable IVC filter cleared by the FDA for over-the-wire delivery

- The unique filter design allows for delivery over a wire $\leq .035"$ using the standard kit components
- The wire acts as a guide to deploy the filter straight and in the center of the IVC positioning it for easier retrieval
- Over-the-wire delivery provides stability to the apex during deployment for precise and predictable positioning in IVC

> More Access for Delivery

The only IVC filter cleared by the FDA for delivery via jugular, femoral, antecubital, and popliteal access.

- Save time while providing PE protection during DVT treatment by delivering the OptionELITE via popliteal access to avoid repositioning and redraping the patient

> For Temporary or Permanent Placement

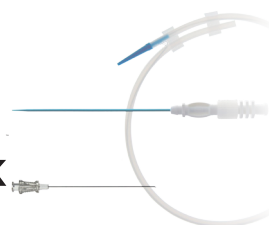
- Unique anchor and apex design makes retrieval easy when the need for PE protection subsides
- A robust design with an established positive safety profile provides confidence for long-term PE protection

> Access

V-Stick™ Vascular Access Sets include:

- .018" stainless steel or nitinol guidewire with a seamless transition to a floppy tip
- Standard or stiff coaxial introducers with a smooth transition to a 4 Fr or 5 Fr sheath
- 21G Ultra-sharp needle with an echogenic or non-echogenic tip

V-Stick



QUALITY	CATALOG #	SHEATH SIZE	INTRODUCER	GUIDEWIRE	NEEDLE TIP
	391504000E	4Fr	Standard	Stainless Steel	Echogenic
	391504300E	4Fr	Standard	Nitinol	Echogenic
	391504400E	4Fr	Standard	Nitinol	Non-Echogenic
	391504500E	4Fr	Standard	Stainless Steel	Non-Echogenic
	391505000E	5Fr	Standard	Stainless Steel	Echogenic
	391505300E	5Fr	Standard	Nitinol	Echogenic
	391505400E	5Fr	Standard	Nitinol	Non-Echogenic
	391505500E	5Fr	Standard	Stainless Steel	Non-Echogenic
	390204400E	4Fr	Standard	Nitinol	Non-Echogenic (3.8 cm)
	391604000E	4Fr	Stiff	Stainless Steel	Echogenic
	391604300E	4Fr	Stiff	Nitinol	Echogenic
	391604400E	4Fr	Stiff	Nitinol	Non-Echogenic
	391604500E	4Fr	Stiff	Stainless Steel	Non-Echogenic
	391605000E	5Fr	Stiff	Stainless Steel	Echogenic
	391605300E	5Fr	Stiff	Nitinol	Echogenic
	391605400E	5Fr	Stiff	Nitinol	Non-Echogenic
	391605500E	5Fr	Stiff	Stainless Steel	Non-Echogenic

> Maintain

Maintain vascular access or deliver using the over-the-wire technique, with one of the following guidewires.

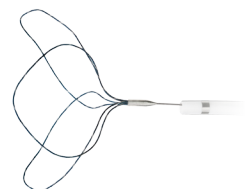
QUALITY	CATALOG #	DESCRIPTION	DIAMETER	LENGTH	TIP	MATERIAL
	395369	Fixed Core with PTFE coating	.035"	260cm	Straight	Stainless Steel
	395370	Fixed Core with PTFE coating	.038"	260cm	Straight	Stainless Steel
	395722	Fixed Core with PTFE coating	.035"	200cm	3mm J-Tip	Stainless Steel
	395794	Fixed Core with PTFE coating	.038"	260cm	3mm J-Tip	Stainless Steel
	395170	Bentson Wire with PTFE coating	.035"	180cm	Straight	Stainless Steel

> Retrieve

The Atrieve™ Vascular Snare provides:

- 3 independent low-profile loops for complete vessel coverage
- Platinum-stranded loops for excellent fluoroscopic visualization
- Nitinol construction providing 1:1 torque for easy maneuverability

Atrieve
VASCULAR SNARE KIT



QUALITY	CATALOG #	LOOP DIAMETER	SHAFT LENGTH	DIAMETER	CATHETER SIZE	LENGTH	INNER DIAMETER
	382006020	12-20mm	120cm	0.026in	6 Fr	100cm	0.062in
	382007030	18-30mm	120cm	0.026in	7 Fr	100cm	0.074in
	382007045	27-45mm	120cm	0.026in	7 Fr	100cm	0.074in

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