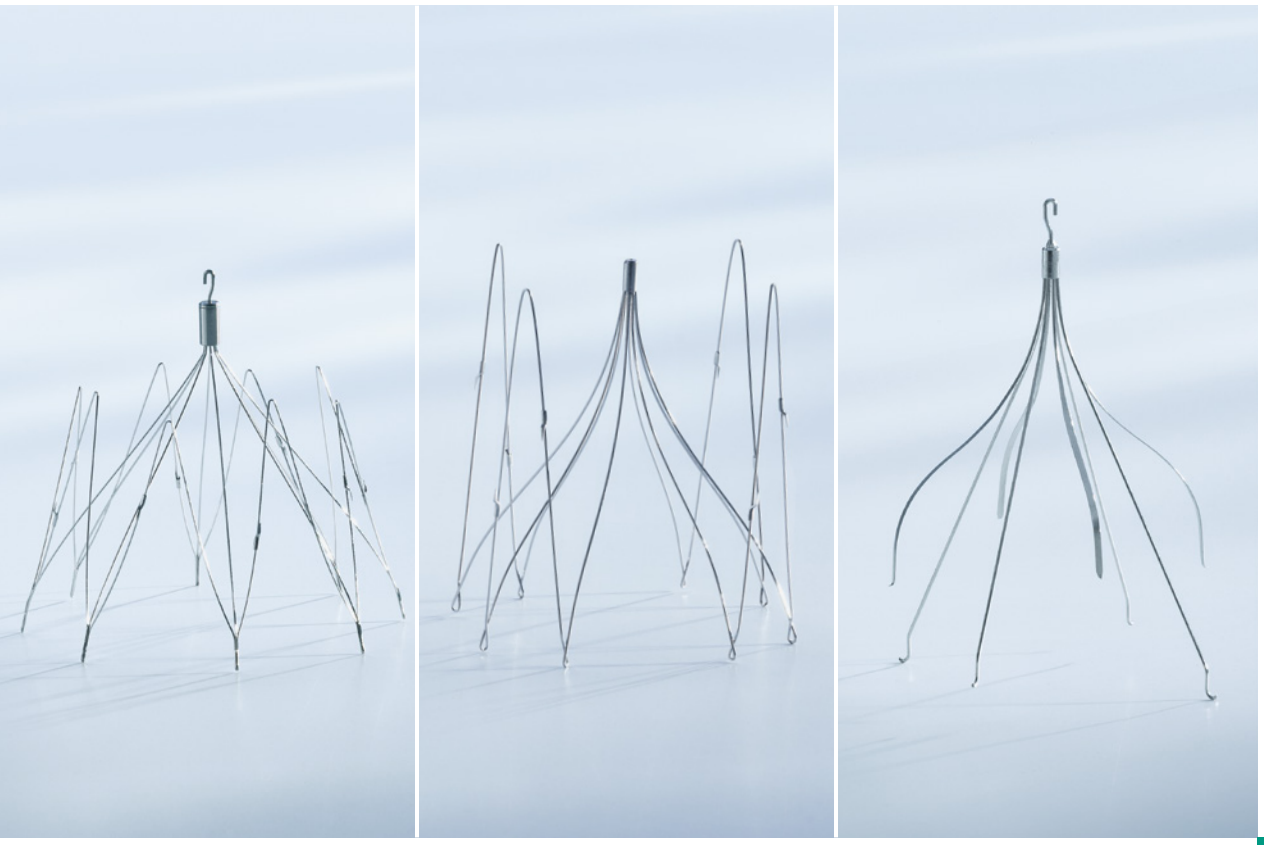
B BRAUN
SHARING EXPERTISE



INTERVENTIONAL
VASCULAR
DIAGNOSTICS &
THERAPY

VENA CAVA FILTER

VenaTech® Convertible, VenaTech® LP, VenaTech® Retrievable

B. BRAUN VENA CAVA FILTERS

For more than 20 years, inferior vena cava filters (IVC) have provided a protection of the respiratory function by decreasing the risk of pulmonary embolism.

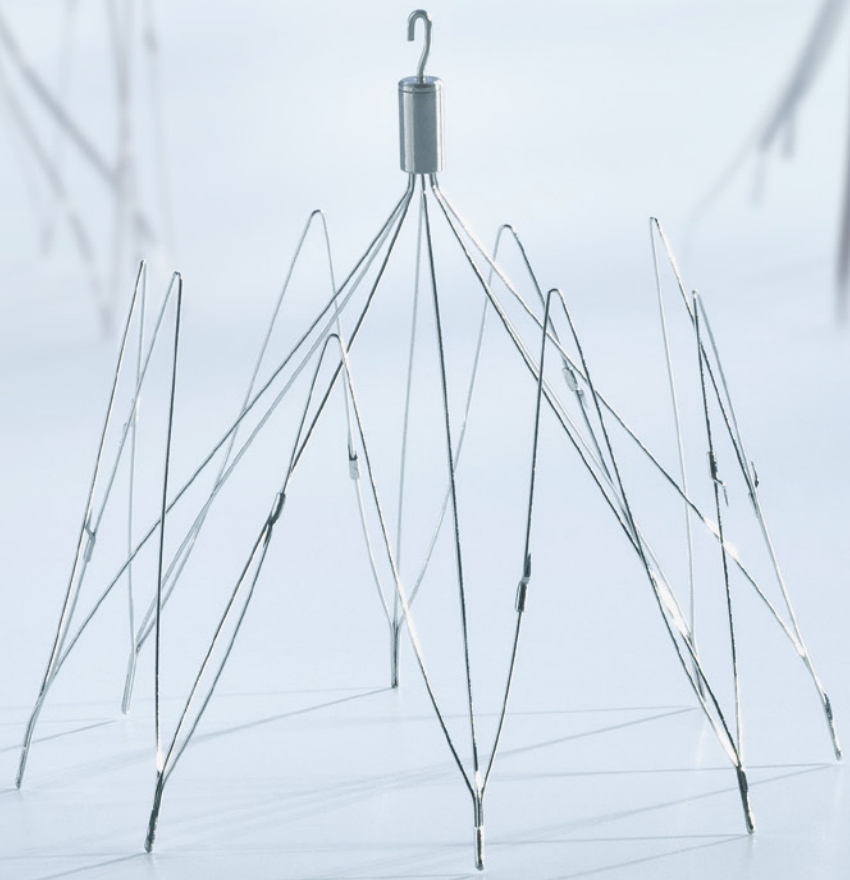
B. Braun offers a complete range of permanent , retrievable and convertible IVCs.

ALL FILTERS HAVE A PROVEN:

- Clinical design for enhanced clot trapping*
- Long stabilizing filter legs, e. g. VenaTech Convertible*
- Combined delivery system for jugular and femoral approach
- Brachial approach available for permanent and retrievable filters

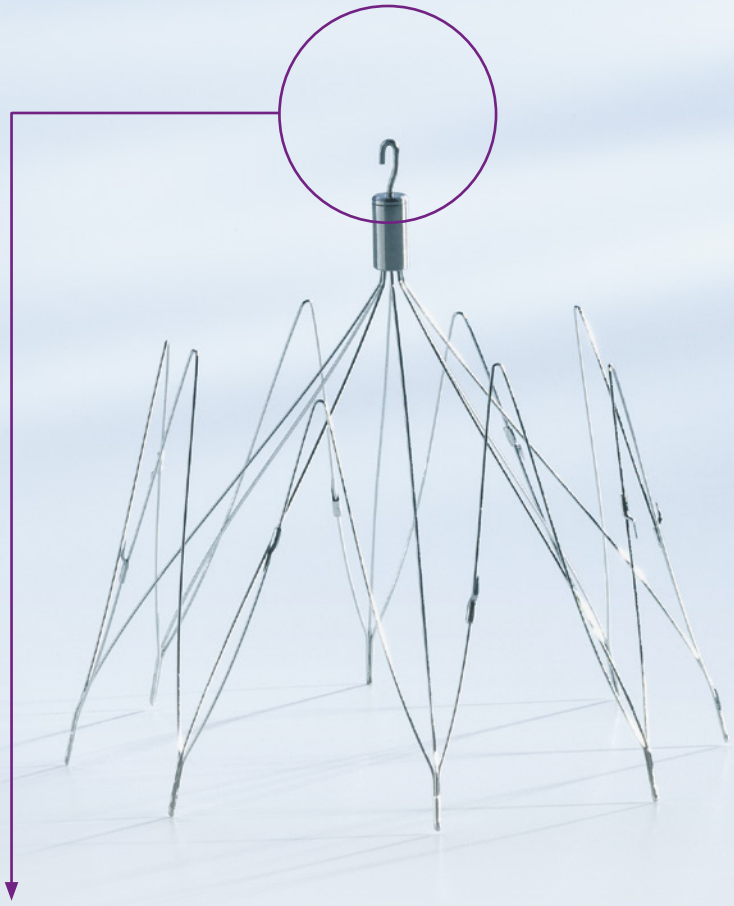
PRODUCT FEATURES:

- Made of non-magnetic cobalt-chromium alloy
- X-ray visible
- MR conditional



* Hohenwalter EJ et al. 2017. JVIR 28(10):1353-1362
DOI: 10.1016/j.jvir.2017.06.032 PMID: 28821379

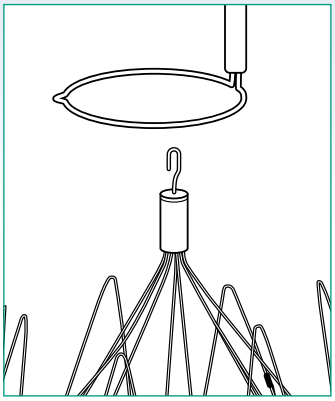
CONVERTIBLE VENA CAVA FILTER



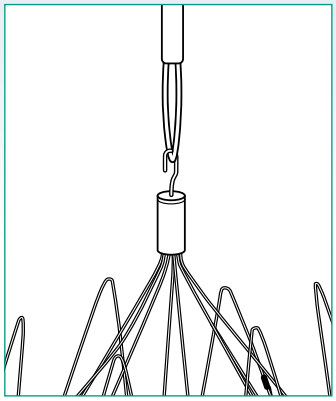
VenaTech® Convertible - The Convertible Vena Cava Filter

- Effectiveness of caval filtration is combined with the possibility of filter deactivation.
- For femoral or jugular approach.
- Wire design and high flexibility to accommodate vena cava up to 32 mm in diameter.
- Patented concept of deactivation:
  In cases where the physician determines that it is clinically indicated to discontinue filtration, the intraluminal filter elements of the VenaTech® Convertible vena cava filter can be converted to an open configuration. The time period to conversion for clinical study subjects ranged from 15 days to 391 days.

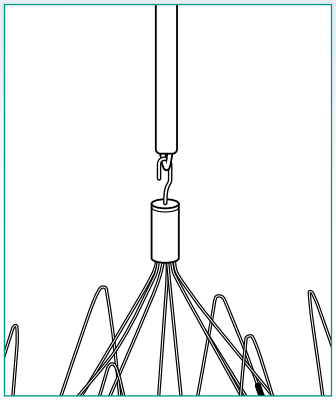
Filter Deactivation



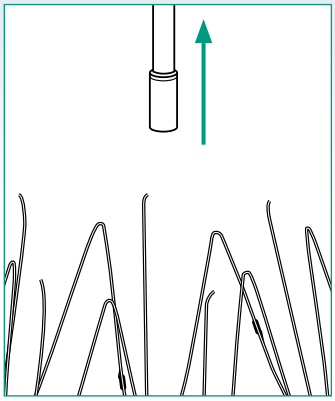
1 Advance gooseneck snare catheter to the top of the filter hook



2 Capture the hook on the cone of the filter with the loop of the gooseneck snare



3
- Advance the gooseneck catheter downward until it covers the hook
- Pin the catheter in place and pull the snare proximally until the filter head unlocks.



4 Retrieve filter head

PERMANENT AND TEMPORARY VENA CAVA FILTERS

VenaTech® LP

VenaTech® Retrievable

VenaTech® LP
Permanent Vena Cava Filter

Features and Advantages

Long-term protection against recurrent pulmonary embolism

Improved implantation procedure

- For femoral, jugular, subclavian or brachial approach, you always have the right system available.
- Each filter cartridge is uniquely marked and designed to prevent misloading of the filter into the introducer sheath.
- VenaTech® LP has self centering, stabilizing legs which avoid filter tilting during the implantation.

Enhanced safety & stability

VenaTech® LP has patented stabilizing legs with securing hooks which were designed and calibrated to reduce the risk of migration while maintaining the integrity of the vena cava wall.

VenaTech® Retrievable
Temporary Vena Cava Filter System

For decades retrievable vena cava filters have been well established in the market. B. Braun analyzed the existing retrievable filter concepts and developed a new filter design. Based on an established eight leg filter architecture, VenaTech® Retrievable was designed to have four horizontal levels of vessel contact to minimise tilting (4-level-safety concept).

Implantation period

The VenaTech® Retrievable, Vena Cava Filter System can be safely retrieved up to 12 weeks* after implantation. After this period of time, retrieval may be impossible and the permanent indication must be considered.

Four good reasons to use a VenaTech® Retrievable:

- Improved tilt resistance
- Safety cartridge to reduce the risk of sharps injury during filter retrieval
- Reduced penetration risk
- Ease of retrieval

* Janjua M, Younas F, Moinuddin I, et al. Outcomes with retrievable inferior vena cava filters. J Invasive Cardiol. 2010;22(5):235-239. PMID: 20440042

Brown JD, Raissi D, Han Q, Adams VR, Talbert JC. Vena Cava Filter Retrieval Rates and Factors Associated With Retrieval in a Large US Cohort. J Am Heart Assoc. 2017;6(9):e006708. Published 2017 Sep 4. doi:10.1161/JAHA.117.006708 PMID: 28871041

ACR–SIR–SPR PRACTICE PARAMETER FOR THE PERFORMANCE OF INFERIOR VENA CAVA (IVC) FILTER PLACEMENT FOR THE PREVENTION OF PULMONARY EMBOLISM - Revised 2021 (Resolution 8)

Clinical Study Documentation of the VenaTech® Retrieval System, Vena Cava Filter, Clinical Report, B. Braun Medical SAS

ORDERING INFORMATION

VenaTech® Convertible

Filter	Components	Reference
VenaTech® Convertible Convertible Vena Cava Filter System Femoral / Jugular	▪ Introducer sheath (13 F O. D.*) ▪ Pre-loaded filter ▪ Pusher (10 F) ▪ Dilator (10 F) ▪ PTFE coated "J" guidewire, 1500 mm, 0.035" (0.89 mm)	4435140

VenaTech® LP

Filter	Components	Reference
VenaTech® LP Permanent Vena Cava Filter System Jugular / Femoral	▪ Vena Cava diameter < 35 mm ▪ Introducer sheath (7 F I. D.*/9 F O. D.*), hemostasis valve, 560 mm usable length ▪ Pre-loaded filter ▪ PTFE coated "J" guidewire, 1500 mm, 0.035" (0.89 mm) ▪ Long and short pushers (7 F) ▪ Dilator (7 F)	4435125
VenaTech® LP Brachial Introducer System Introducer sheath (7 F I. D./9 F O. D.) (Antecubital)	▪ Introducer sheath (7 F I. D.*/9 F O. D.*), hemostasis valve, 960 mm usable length ▪ Long and short pushers (7 F) ▪ Dilator (7 F)	4439985

VenaTech® Retrievable

Filter	Components	Reference
VenaTech® Retrievable Temporary Vena Cava Filter System Jugular/Femoral	▪ Vena Cava diameter >14mm and < 28 mm ▪ Introducer sheath (7 F I. D.*/9 F O. D.*) hemostasis valve, 560 mm usable length ▪ Pre-loaded filter ▪ PTFE coated "J" guidewire, 1500 mm, 0.035" (0.89 mm) ▪ Long and short pushers (7 F) ▪ Dilator (7 F)	4435150
VenaTech® Retrievable Brachial Introducer System (Antecubial)	▪ Introducer sheath (7 F I. D.* 9 F O. D.*) hemostasis valve, 960 mm (usable lenght) ▪ PTFE coated "J" guidewire, 1800 mm, 0.035" (0.89 mm) ▪ Long and short pushers (7 F) ▪ Dilator (7 F)	4435160
VenaTech® Retrievable Vena Cava Filter Retrieval System Jugular	▪ Introducer sheath (13 F O. D.*) ▪ Retrieval cartridge ▪ PTFE coated "J" guidewire, 1500 mm, 0.035" (0.89 mm) ▪ Dilator (7 F)	4435170

** O.D. = outer diameter, I.D. = inner diameter*

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Information according to Regulation (EU) 2017/745 and Council Directive 93/42/EEC respectively:

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CE 0459

Distributor:
B. Braun Melsungen AG | Vascular Systems | Sieversufer 8 | 12359 Berlin | Germany

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