Advanced Delivery System For IVC Filters

The device's new design simplifies jugular deployment, minimizes trauma and is compatible with full line of IVC filters.

Physicians can now navigate even the most tortuous anatomy with greater speed and safety with the next-generation inferior vena cava (IVC) filter delivery system introduced by Cook Medical at TCT 2009. The release of the NavAlign™ delivery system further advances the treatment of pulmonary embolism (PE), a life-threatening condition caused by blood clots in the lungs that affects thousands of Americans annually.

According to the company, PE is responsible for more deaths every year than AIDS, breast cancer and motor vehicle accidents combined, and demands more advanced and effective treatment options. PE occurs when a blood clot dislodges from the wall of a

vein and migrates to the lung, where it blocks blood flow in the pulmonary artery. It is often a deadly complication of venous thromboembolism (VTE), clots in the veins that typically occur in patients immobilized by disease, injury or relatively minor surgeries like knee replacements and gastric bypass. Untreated, these clots will kill

one out of three individuals.[1] Positioned in the main vein that collects blood from the lower part of the body, IVC filters are designed to catch the blood clots before they get to the lungs. Traditionally they are placed using fluoroscopy by threading a catheter guided through the veins.

The NavAlign delivery system features:

- Availability for both the Cook Celect® and Günther Tulip™ filters.
- A design to minimize trauma and streamline filter placement with features unavailable on any other existing deployment system.
- A hemostatic valve that minimizes blood loss at the point of entry, while a multipurpose dilator has radiopaque sizing bands and flushing sideports that decrease fluoroscopy time and the amount of contrast medium required.

For more information, visit www.cookmedical.com [1]

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[1] http://www.cookmedical.com