Epiq Ultrasound System

Royal Philips Electronics
(978) 273-9692
www.philips.com

KEY FEATURES

- Built-in Anatomical Intelligence
- Highly detailed ultrasound images
- 213% increase in temporal resolution
- Better penetration at higher frequencies for improved imaging
- Cart-based system with ergonomic design

Royal Philips Electronics (Andover, MA) announced that its Epiq ultrasound system had recently received 510(k) clearance from the US Food and Drug Administration. The nSight system provides detailed ultrasound images, improved temporal resolution, the ability to see new levels of tissue uniformity without the need for critical transmit focal zone placement, and penetration at higher frequencies for better imaging on difficult patients. The system features Anatomical Intelligence technology, a database of anatomic structural models and adaptive system technology built into the system for more definitive clinical results including advanced organ modeling, image slicing, and proven quantification. Anatomical Intelligence includes a mitral valve navigator for live 3D planning of heart valve procedures.

Gore Excluder Iliac Branch Endoprosthesis

W. L. Gore & Associates
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00800.6334.4673 (Europe)
(800) 437-8181 (United States)
(928) 779-2771 (United States)
www.goremedical.com

KEY FEATURES

- Low-profile (16-F) delivery for enhanced vessel access and trackability
- Repositionable to precisely position the iliac component
- Widest internal iliac artery treatment range (6.5–13.5 mm) to treat more patients
- Gore Excluder Device leg design for exceptional patency and lack of kinking
- Precannulated internal iliac gate—ease of use and stability

W. L. Gore & Associates (Flagstaff, AZ) has received CE Mark approval for the Gore Excluder Iliac Branch Endoprosthesis, the first complete, fully engineered system (Gore-designed iliac branch and internal iliac components) intended for endovascular treatment of common iliac artery aneurysms or aortoiliac aneurysms.

This new device, used in conjunction with the Gore Excluder AAA Endoprosthesis, is intended to isolate the common iliac artery from systemic blood flow and to preserve blood flow in the external and internal iliac arteries.

The device is designed on Gore's proven technology platform and features the same durable, expanded polytetrafluoroethylene graft material.

The treatment range for the internal iliac and external iliac arteries is 6.5 to 13.5 mm and 6.5 to 25 mm, respectively.

"Gore's dedicated components for iliac artery repair provide the first complete low-profile system for managing common iliac artery aneurysms. The procedure is simple and straightforward due to the precannulated branch and bifemoral delivery system," said Mo Hamady, MD, Consultant Interventional Radiologist at St. Mary's Hospital, London.

Direxion Torqueable Microcatheter

Boston Scientific Corporation
(888) 272-1001
www.bostonscientific.com

KEY FEATURES
- Unique shaft design
- Range of preloaded systems
- Four tip shapes
- Two lumen sizes

Boston Scientific Corporation (Natick, MA) has received US Food and Drug Administration clearance, CE Mark approval, and Health Canada approval for the Direxion torqueable microcatheter. The Direxion microcatheter adds to the company's market-leading portfolio of peripheral embolization technologies, products used primarily by interventional radiologists in the treatment of liver cancer, uterine fibroids, and other challenging conditions.

The Direxion torqueable microcatheter is designed to facilitate selective access and delivery of diagnostic, embolic, and therapeutic materials into the peripheral vasculature. The product consists of both a 0.021- and 0.027-inch inner-diameter microcatheter that feature a proprietary shaft design. This technology is designed to maximize torque transmission in the catheter shaft, giving the Direxion microcatheter the best-in-class torqueability, flexibility, and trackability physicians need in order to reach the most challenging anatomy. The Direxion microcatheter is available in six different tip configurations as well as preloaded configurations designed to suit a broad range of peripheral embolization procedures. These configurations include the physician's choice of the Fathom-16 guidewire, Transend-14 guidewire, or Transend-18 guidewire.

Indigo Percutaneous Mechanical Thrombectomy

Penumbra, Inc.
(510) 748-3200
www.penumbrainc.com

KEY FEATURES
- Advanced trackability and reach
- Mechanical clot engagement and extraction
- Simple and effective, with hands-free aspiration
- Largest extraction lumen for BTK vessels
- Rapid revascularization

Penumbra, Inc. (Alameda, CA) will launch its Indigo percutaneous mechanical thrombectomy system in the United States at the International Symposium on Endovascular Therapy (ISET) Meeting on January 18–22 in Miami Beach, Florida.

Indigo enables the removal of emboli and thrombi from the vessels of the peripheral arterial system. Unlike thrombolysis, which may require lengthy infusion times, Indigo can provide rapid restoration of flow to thrombosed vessels in the peripheral vasculature. This is achieved by means of a catheter with proprietary separator technology for mechanical clot engagement. Once the operator engages the clot, the Penumbra Max pump allows for hands-free aspiration and clot extraction. With the most advanced catheter-tracking technology on the market, Indigo gives you access to tortuous and distal anatomy. This 6-F–compatible percutaneous system is available in 6- and 4-F catheter diameters with 132- to 150-cm catheter lengths. It has the largest extraction lumen designed for vessels below the knee, with smaller and longer catheter options for hard-to-reach distal extremities. Early cases have shown rapid revascularization times (< 15 minutes). ■