

Press release

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SVS 2009: Ziehm Imaging sets a new standard in mobile imaging with the Ziehm Vision RFD

Ziehm Vision RFD – Mobile fluoroscopic imaging of unprecedented quality for endovascular surgery and interventional cardiology applications

Riverside, CA / Nuremberg, Germany, 10 June 2009 – Ziehm Imaging is proud to announce that the United States Food and Drug Administration (FDA) has given 510k clearance for the latest innovative mobile C-arm from Ziehm Imaging, the Ziehm Vision® RFD, for marketing and sales within the United States. Designed for use in endovascular surgery, interventional cardiology and interventional radiology, the Ziehm Vision RFD mobile C-arm combines the latest flat-panel technology and a true fully digital imaging chain with a compact design that delivers exceptional image quality. During demanding procedures physicians will benefit from improved visualization, workflow and reduced radiation dose.

The Ziehm Vision RFD combines innovative flat-panel technology with the sophisticated ODDC (Object Detected Dose Control) software and special designed anatomical programs for excellent image quality at minimal dose. The flat-panel detector allows for fully digital, distortion-free imaging and better access to the patient due to the larger C-arm opening and the 165° orbital rotation. Thanks to pulse technology at up to 25 frames per second, the system provides sharp, high contrast images of vasculature, bone and soft tissue structures, which is indispensable particularly for complex applications in endovascular surgery. The excellent image quality, once only expected from fixed room systems, is now available in a mobile interventional suite.

Because of its compact design and the flat panel detector's increased field of view, the Ziehm Vision RFD provides physicians with a wide range of benefits. The 30 cm x 30 cm size of the flat panel detector and the 1.5 k x 1.5 k resolution provides extended dynamic range and 49% greater anatomical viewing, when compared to 12 inch image intensifier systems delivering comprehensive information about the patient's anatomy. With the

added advantage of a smaller footprint, users receive the benefit of greater maneuverability. At the same time, the mobile interventional suite provides better access to the patient due to the larger C-arm opening and the 165° orbital rotation. Additionally with the Ziehm Vision RFD, user workflow is simplified and day-to-day clinical efficiency is improved through the innovative VisionCenter touchscreen user interface. Because of its excellent image quality and user friendliness, the Ziehm Vision RFD is suitable for a wide variety of clinical tasks, particularly for demanding procedures common in endovascular surgery, interventional radiology, and interventional cardiology.

Versatile imaging for greater efficiency in the operating theater

“Using fully digital technology, we are setting standards for C-arms in terms of image quality and patient care,” comments Klaus Hörndler, CEO of Ziehm Imaging. “The combination of digital imaging with Advanced Active Cooling and anatomical imaging modes opens a new chapter in intraoperative imaging by bringing fixed room image quality and throughput to the operating room in a mobile solution. Our aim is to evolve x-ray based imaging methods consistently so that we can provide physicians with the best possible technology to enable enhanced treatments.”

Ziehm Imaging is presenting the Ziehm Vision RFD at the SVS congress in Denver, Co from June 11 – 13. You can find Ziehm Imaging in Booth 811.

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About Ziehm Imaging

Ziehm imaging specializes in the development, manufacturing and worldwide marketing of mobile x-ray-based imaging solutions. The company has been market leader in Germany for more than seven years as well as in many other European countries for two years. Today, Ziehm Imaging is a global systems provider, employing over 250 people worldwide. Extensive in-house development know-how is reflected in the Ziehm Imaging C-arms’ high medical imaging performance, intelligent generator technology, significant dose savings and seamless digital network integration. Building on competence and creativity, as well as continuous dialog and close cooperation with renowned universities, research centers and hospitals, Ziehm Imaging has developed groundbreaking technologies that have made the company a global trendsetter in intelligent interventional imaging. Ziehm Imaging products are known for their outstanding versatility and their easy handling for a wide variety of medical applications. In addition, they offer seamless integration into existing IT environments for digital image data acquisition, image evaluation and image management. Please see www.ziehm.com for more information.