

## Press release

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### **ECR 2008: Ziehm Imaging sets new standards in the field of mobile C-arms**

*Ziehm Vision R FD – X-ray based imaging of the highest quality for interventional radiology*

**Nuremberg/Vienna, 7 March 2008 – Ziehm Imaging, the leading provider of X-ray based imaging solutions, presents its premium product, the Ziehm Vision R FD, at the European Congress of Radiology (ECR) 2008 in Vienna from 7 to 11 March 2008. Designed for interventional applications in radiology and cardiology and other applications, the Vision R FD mobile C-arm combines fully digital imaging with compact design and provides stand-out image quality. Particularly for demanding procedures in interventional radiology, neurosurgery, vascular surgery and in cardiology, physicians benefit from improved workflows and increased safety. Ziehm Imaging will also have other groundbreaking mobile C-arms from its product range on show at the ECR, such as the Ziehm Vision FD, the Ziehm Vision FD Vario 3D and the Ziehm Vision R Endo.**

The Ziehm Vision R FD C-arm combines innovative flat panel technology with sophisticated ODDC (Object Detected Dose Control) in an impressive size for excellent image quality with minimal radiation dose. The flat panel detector allows fully digital, distortion-free imaging and better access to the patient due to the larger opening of the C-arm. As it is insensitive to magnetic fields, the Ziehm Vision R FD can be used close to MRI scanners.

Thanks to pulse technology with up to 25 frames/second, the Ziehm Vision R FD provides pin sharp, contrasting images of the finest bone and soft tissue structures, which is indispensable particularly for complex applications in neurosurgery. Because of its compact design and the flat panel detector's increased field of vision, the Vision R FD provides operating physicians with a wide range of benefits. A digital X-ray image measuring 30x30 centimeters provides comprehensive information about the patient's anatomy with the added advantage of greater maneuverability: workflows are simplified and day-to-day clinical efficiency is increased. Because of its excellent image quality and user friendliness, the Vision R FD is suitable for a wide variety of clinical tasks, particularly for demanding procedures especially in interventional radiology, vascular surgery interventional cardiology (e.g. coronary angioplasties) and neurosurgery.

## **Versatile integration options for greater efficiency in the operating theater**

Ziehm Imaging's full product range allows versatile combinations with surgical navigation systems or computer aided surgery (CAS). Physicians benefit from increased accuracy and image quality, particularly for complex interventional applications. The integration of fully digital, distortion-free imaging with navigation systems or computer-aided surgery (CAS) provides even greater efficiency in operating theaters. The risk of repeated operations can be reduced by intraoperative monitoring.

"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 navigation systems or computer-aided surgery is opening up new clinical fields of application by providing higher precision. Our aim is to evolve X-ray based imaging methods consistently so that we can provide physicians with the best possible technology."

Ziehm Imaging is presenting its trendsetting C-arms at the ECR in Vienna from 7 to 11 March. You can find Ziehm Imaging at Expo Site C, Booth 320

## **Overview of other products:**

### **Ziehm Vision FD**

- Integrated a-Si detector for maximum contrast ratio as well as fully digital and distortion-free image quality
- Advance Active Cooling allows a much longer fluoroscopy time
- Easy access to patients because of larger C-arm opening
- Can be used close to powerful magnetic fields

### **Ziehm Vision FD Vario 3D**

- Flexible intraoperative 3D imaging with fully digital and distortion-free imaging
- High dynamic range of 72dB allows bone and soft tissue to be displayed simultaneously
- Fully automatic isocentric scanning
- Integrated Ziehm NaviPort navigation interface

### **Ziehm Vision R Endo**

- Powerful monoblock generator with rotating anode X-ray tube for excellent image quality with consistent dose minimization
- ODDC allows real-time image optimization and motion detection, unrestricted object positioning and automatic metal correction without manual image matching and flaring
- Application-specific software packages for different clinical sectors such as orthopedics/traumatology/vascular surgery and for endoscopic interventions

### **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 centres 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](http://www.ziehm.com) for more information.

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