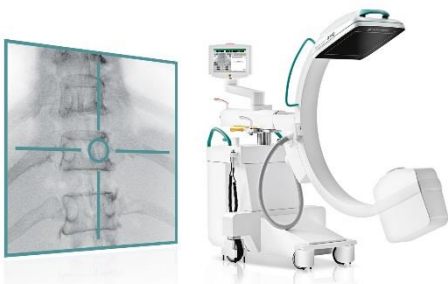


Press Release

Ziehm Imaging extends NaviPort interface for image-guided 3D navigation

Enhanced control in the OR thanks to distortion-free intraoperative imaging of the Ziehm Vision RFD 3D

Nuremberg, Germany – 30 May 2016 – Ziehm Imaging presents the extended NaviPort interface for its flagship product, the Ziehm Vision RFD 3D. NaviPort integrates high-quality image data of the latest generation of Ziehm Imaging's mobile flat-panel C-arms into surgical navigation ensuring more confidence in the OR. The Ziehm Vision RFD 3D is the world's only 3D C-arm with flat-panel technology that provides a 16 cm edge length per scan volume and combines 2D and 3D functionality. With up to 7 vertebrae in one scan volume it offers the largest 3D image volume in the market. The interface takes navigated surgery to a new quality level and is particularly suited for demanding orthopedics, trauma and spinal procedures.



"The image quality of the Ziehm Vision RFD 3D sets a new standard for X-ray based intraoperative 3D imaging", says Martin Ringholz, Director Global Marketing of Ziehm Imaging. "The NaviPort interface offers surgeons ideal access to high-resolution image data from the Ziehm Vision RFD 3D during demanding navigated procedures.

Physicians and patients benefit from enhanced precision in the OR that leads to improved patient outcomes with no need for additional X-ray exposure in post-operative CT-scans."

Ziehm NaviPort delivers high-quality intraoperative images

Particularly in the case of complex minimally-invasive procedures, high-resolution intraoperative 3D imaging improves reliability and precision during the interventions and reduces the risk of follow-up procedures. The proven Ziehm NaviPort interface now connects the new 3D C-arm Ziehm Vision RFD 3D to the navigation systems of leading providers (Brainlab and Stryker). The distortion-free data is transferred automatically from the C-arm through Ziehm NaviPort to the navigation system. It gives the surgeon a real-time navigation guide, eliminating the need to re-register the 3D data record. The

navigation software automatically aligns the intraoperatively obtained image data with the patient's anatomy while visualizing surgical instruments on the monitor. As a result, the surgeon can quickly and reliably check and document the results of the intervention.

High-resolution imaging for optimal control in the OR

The Ziehm Vision RFD 3D provides high-resolution 2D and 3D images. Patented SmartScan technology from Ziehm Imaging together with ZIR (Ziehm Iterative Reconstruction) offer CT-like image quality by minimizing metal artifacts. The fully digital images allow for detailed information of anatomical structure and therefore increase confidence in complex surgeries. By interfacing navigation with intraoperative imaging, surgeons gain an improved overview, e.g. for the precise placement of screws and implants. Clinics benefit from a more efficient workflow and enhanced patient outcomes.

About Ziehm Imaging

Founded in 1972, Ziehm Imaging has stood for the development, manufacturing and worldwide marketing of mobile X-ray-based imaging solutions for more than 40 years. Employing more than 400 people worldwide, the company is the recognized innovation leader in the mobile C-arm industry and a market leader in Germany and other European countries. The Nuremberg-based manufacturer has received several awards for its ground-breaking technologies and achievements, including the Frost & Sullivan Award (various years), the iF Design Award 2011, the Top100 award for innovative mid-size companies 2012, the Stevie Awards 2013, 2014 and 2015, the German Stevie Award and the IAIR Global Awards 2014 as "Best Company for Innovation & Leadership". For more information, please visit: www.ziehm.com.

Press contact:

Ziehm Imaging
Martin Ringholz
Director Global Marketing
martin.ringholz@ziehm-eu.com
Tel: +49 911 2172 0
www.ziehm.com