

#ECR2015: Ziehm Imaging Presents Revolution in 3D Imaging



Ziehm Imaging showcases its comprehensive C-arm portfolio under the theme "Redefined Imaging" at this year's ECR which runs in Vienna from 4-8 March.

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. It will be on display for the first time in Europe.

Ziehm Vision RFD is a 20 cm x 20 cm flat-panel, flexible imaging solution for a wide range of clinical applications and Ziehm Vision RFD Hybrid Edition is the mobile hybrid room solution from Ziehm Imaging. The new Ziehm Remote Service that offers clinical users faster diagnosis and troubleshooting for optimised uptime is now available for the newest generation of Ziehm Imaging mobile C-arms.

The future of 3D imaging

Ziehm Vision RFD 3D combines 2D and 3D functionality to offer maximum intraoperative control in orthopaedics, traumatology and spine surgery. This system is the only 3D C-arm that combines 25 kW generator with iterative reconstruction algorithm and patented SmartScan rotation to allow for 180° image information of any anatomical structure. With up to 7 vertebrae in one scan volume, it offers the largest 3D image volume in the market.

Ziehm Vision RFD 3D is 30% smaller than traditional 3D C-arms and up to 60% more lightweight than alternative mobile imaging solutions. This allows the OR staff to easily position the C-arm in the OR and to manually transport it from one OR to another.

Ziehm Remote Service for optimised uptime

The new Ziehm Remote Service offers clinical users faster diagnosis and troubleshooting for optimised uptime. Ziehm Imaging service experts can directly assess the status of the mobile C-arm and in many cases resolve the incident immediately. In cases where the problem cannot be solved remotely, the service expert can often identify the cause of the incident or the components that have failed and can arrange for the required spare parts or a service engineer to be sent to the clinical site. This approach ensures quicker system recovery and shorter interruptions of the clinical workflow.

Flexible imaging solution with a 20 cm x 20 cm flat-panel

The miniaturised design of the 20 cm x 20 cm flat-panel detector turns Ziehm Vision RFD into an ergonomic and flexible imaging solution for a wide range of clinical applications, including orthopaedics, cardiology and heart surgery.

Turning ORs into Hybrid Rooms

Fully motorised in four axes, Ziehm Vision RFD 3D with a 30 cm x 30 cm flat-panel is ideally suited for hybrid room applications. Combined with the Stille imagiQ2 OR table, the Mavig ceiling-mounted x-ray protection system and the Mallinckrodt injector, this powerful mobile C-arm turns every OR into a hybrid OR.

The system will be on display at ECR from March 5-8, 2015: Stand 312, Expo C.

Source: Ziehm Imaging

Image Credit: Ziehm Imaging

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