

GE Healthcare at RSNA 2017

Surgery

Press contact: Laura Fait

Laura.fait@ge.com

M: +1 414.429.2675

GE Healthcare is raising expectations for surgical imaging, and showcasing an all new portfolio of C-arms at RSNA this year.

Within GE Healthcare's new portfolio of C-arms, surgeons can expect a new level of image excellence with stunning image quality at low dose with flat panel detectors to visualize the tiniest of details in complex patient anatomy.

Surgeons will also experience large displayed images closer to the surgical site, with high-resolution monitors mounted on easily adjustable articulating arms.

In addition, the OEC portfolio offers clinical versatility with focus on easy and efficient use in surgical settings. This is showcased in OEC's intuitive user interface, choice of C-arm for great positioning around patients, and enhanced steering for maneuverability.

With the OEC C-arm platforms and advancements in mobile X-ray detector technology and innovative ergonomics, OEC provides practical solutions that aid in patient care during surgical procedures to allow clinicians and administrators to standardize on GE Healthcare throughout their facility.

OEC Elite™ CFD

This year, GE Healthcare introduces the all new **OEC Elite CFD** premium C-arm portfolio that solves the toughest and most common challenges in the OR by enabling surgeons to see what they've been missing with other mobile C-arms.

With clinical profiles that span surgical needs – such as vascular, orthopedics, pain management and general surgery, the OEC Elite CFD is designed to improve the surgical imaging experience:

- Stunning image quality at low dose
- More anatomy and visual detail, regardless of patient density
- Easy and efficient user experience

The OEC Elite CFD delivers stunning image quality at a low dose as well as large FOV with CMOS flat panel detectors – available in 21cm and 31cm sizes. Free space around the patient facilitates surgeon access and more anatomy can be imaged with GE's C-arm design. A 4K ultra-high definition 32" monitor displays images with one-for-one detail from the detector – and allows surgeons to view images closer to the surgical field with an articulating arm that easily moves where needed.

"During the clinical evaluation, I was impressed by the visual details I was able to see using the OEC Elite CFD mobile imaging C-arm during the clinical evaluation," Dr. Charles Wehbe, Mercy Health said. "The amount of detail visible in the tiniest of vessels gave me greater confidence during procedures."¹

Users are commenting that the new Ergo C-arm design, available with the OEC Elite CFD, is easier to position around patients, requires less repositioning of the table, and eliminates the need for a foot stool. These benefits are a result of the Ergo C-arm's low lateral height, small AP/Lat offset, and

¹Dr. Wehbe participated in a clinical evaluation of the OEC Elite CFD premium C-arm as an employee of Mercy Health, Ohio, which was compensated for participation in pre-market clinical evaluation.

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180/180 flip-flop positioning. Adjusting the C-arm and setting in position is also easy with new radial dial locks with gradual tension settings.

OEC One™

The OEC One is an all-in-one C-arm that delivers the exceptional image quality customers expect from OEC, with a clear view of images – where, when, and how – needed. With the smallest footprint in its class and ergonomic handles at the mainframe and along the full C-arm, the OEC One system also clears up space and provides easy maneuverability for OR needs.

Clinicians can bring images closer to the surgical field, even right to the edge of the table, thanks to OEC One's extendable, articulating display arm that provides five ranges of motion. Whether standing or seated, on either side of the C-arm, surgeons can view crisp, clear detail in 11.8" live and reference images on the 27" display.

The 10.1" TechView tablet located on the C-arm is designed to facilitate smooth communication in the OR. The tablet displays a "mirrored" image of the live image on the 27" display. The tablet's intuitive, touchscreen OEC interface, adjacent to the live image, allows a rad tech to make desired image adjustments right at the system.

Users will enjoy superb IQ with trusted OEC software, enhanced with Adaptive Dynamic Range Optimization and Enhanced Motion Artifact Reduction to get them the image they are expecting.

Overall

With a legacy of quality OR equipment and years of clinical expertise in the surgical environment, GE Healthcare is uniquely positioned to customize a plan and deliver a solution to meet the demanding needs of healthcare providers. GE Healthcare's deep understanding of the importance of workflow, efficiency and interoperability can help expedite these projects so healthcare providers are operational sooner with fewer obstacles for the clinical and administration staff.

With a global reputation as a premier provider of mobile C-arms, GE Healthcare is committed to providing world-class applications and services to enhance and optimize the user experience.

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