

New Imaging Systems from Philips



At the European Congress of Radiology this week Philips is introducing three new imaging systems to help radiology departments increase both the number of patients and range of clinical exams they can handle.

"Hospitals and clinics of all sizes face a constant struggle to treat more patients and reduce waiting times – all within often extremely tight budgets," said Gene Saragnese, chief executive officer of Imaging Systems at Philips. "We're helping them meet that challenge by delivering affordable imaging systems with premium functionality and image quality that deliver real clinical and economic value."

At ECR 2013, Philips is introducing the Multiva 1.5T MRI system[i] which combines high productivity with the capability to go beyond standard MRI applications. The Multiva 1.5T builds on Philips' innovative and proven technologies from the Ingenia and Achieva platforms. At its heart is the FlexStream workflow that improves coil handling efficiency for head, spine, musculoskeletal, body and neurovascular exams, reducing scan set-up time by up to 40%. In addition, Multiva 1.5T delivers up to 16 times faster imaging, provides high-quality images of large anatomical areas for increased diagnostic confidence, and includes multiple features to improve the patient's overall comfort and experience.

"I believe Multiva offers the best value for the money in the market today. Its image quality is brilliant, and you can do routine scanning, advanced scanning and research at a very reasonable cost. The time it takes to change patients has significantly decreased even for elderly patients letting us scan around 20 patients per day. Plus we can do advanced imaging in all body and brain regions, get beautiful visualisation of lesions in knee cartilage and small ligaments in the wrist," said Dr. Christof Walter, co-owner of the Radiology Center Trier in Germany.

The DuraDiagnost digital radiography (DR) system[iii] is also being demonstrated. Its benefits include images that are available within seconds and can easily be saved and shared – enhancing workflow efficiency. DuraDiagnost uses premium features such as the UNIQUE image processing and Eleva user interface, which automatically and intuitively ensure the right image settings are used for each examination. The system is available in three configurations of which the first two deliver a full range of exams; the dual-detector Efficiency room allows rapid switching between different types of examinations for high patient throughput, the Compact room's unique geometry fits into small rooms, while the table-based Focus room enables enhanced department set-up flexibility for an affordable investment.

"Digital radiography with DuraDiagnost from Philips has met with a great deal of approval in our radiology centre – from our patients, our radiologists and especially our technologists. The entire workflow process is fast, easy and efficient, letting us spend more time with patients. DuraDiagnost meets both our medical and economic requirements. We can provide all our patients with personalised medical care and simultaneously remain within a reasonable budget," said Dr. Kathrin Scharfetter, Medical Specialist for Diagnostic Radiology and Pediatric Radiology, Radiology Center Eppendorfer Baum, Hamburg, Germany.

Philips is also unveiling a brand new configuration in its proven Ingenuity family of CT scanners. The Ingenuity Flex is a 16-slice CT scanner that delivers robust imaging with fast acquisition and reconstruction for streamlined workflows that let clinicians spend more time with their patients. Highly flexible, it is ideally suited for routine and cardiac CT imaging, and provides valuable advanced clinical applications delivered through the Philips Extended Brilliance Workspace that helps the clinicians differentiate their practice. The system offers personalised image quality at low dose with the iDose4 option. In addition the Ingenuity Flex allows personalized dose checks and reporting to manage dose for each patient. Additional upgradeability options allow the system to grow with the customer to maximize their return on investment.

[i] MR Multiva is not available for sale in the U.S., Canada and other markets pending local market approvals

[ii] DXR Duradiagnost is not available for sale in the U.S., Canada and Japan

[iii] AlluraClarity is not available for sale in the U.S. and Canada

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