

#ECR2015: Agfa HealthCare Launches DR 400



Flexible, floor mounted solution is easy to install, takes little space and requires no expensive ceiling structure
Offers a scalable, customisable and affordable path to DR, without compromises

- DR 400 allows price-sensitive facilities to join the drive to digital, at their own pace.
- Includes German-manufactured, best-of-breed components.
- Range of options lets hospitals choose a solution tailored to their needs.

Agfa HealthCare announces that it is launching the DR 400 solution at ECR, March 4-8, Vienna, Austria. The floor mounted DR 400 offers hospitals a scalable, customisable and affordable way to go digital at their own pace and budget. Easy to install and requiring little room, it includes solid, German-manufactured, best-of-breed components and a range of options. The many different configurations allow the hospital to choose where it will start - whether immediately implementing a full DR solution, or with a cassette-based computed radiography (CR) solution that they can then evolve to cassette-less direct radiography (DR) when they are ready.

Digital radiography made affordable

The DR 400 offers multiple configurations that can evolve with the hospital, ranging from a CR-based solution, to a single detector DR system, to a comprehensive multi-detector DR system. There is also a solution for every budget: both powder phosphor plates and needle phosphor detectors are available for CR configurations, while either Gadolinium OxySulphide (GOS) or Cesium Iodide (CsI) technology can be selected for the DR configurations. CsI offers the potential for significant dose reduction. By combining DR with CR systems, all general radiography examinations and more complex studies can be captured with high accuracy and image quality, such as CR Full Leg/Full Spine (FLFS).

Flexible configurations and options for every need

Built with solid hospital-quality hardware manufactured at Agfa HealthCare's factory in Peissenberg (Germany), the DR 400 offers a broad range of options that let hospitals tailor their solution to their needs. These include a wall stand with tilting bucky, an integrated digital inclination display or a 10 inch interactive display in the tubehead, motorised tracking of the tubehead and table or wall stand, automatic collimator, automatic cassette size sensor in the rotating bucky and a DAP (Dose Area Product) meter.

Empowered by MUSICA

Complemented by Agfa HealthCare's next generation MUSICA image processing software, the DR 400 provides excellent image quality with high contrast detail. The image processing, which has been specially adapted and tuned to further enhance the excellent DR image quality, is exam- and body part-independent, providing consistently high image quality and a very high diagnostic IQ. The DR 400 is also available with the next version of MUSICA, which intelligently renders exceptional bone and soft tissue detail simultaneously. New technology improvements such as Fractional Multiscale Processing enhance both image quality and workflow for radiographers and radiologists. The improvements will support radiologists to get the most out of images at a lower dose.

The MUSICA workstation interface shares the same look and feel as Agfa HealthCare's CR solutions, and offers very fast previews, low cycle times and the best connectivity with radiology information systems (RIS), picture archiving and communication systems (PACS) and hospital information systems (HIS).

"With the DR 400, we are driving towards our mission to make our customers successful, by bringing scalable DR solutions within their reach," comments Louis Kuitenbrouwer, Vice-President Imaging division of Agfa HealthCare. "It shows that digital solutions can be affordable and still meet high image quality needs. The hospital can choose its own path with a solution that delivers higher throughput and a lower cost per examination, with excellent image quality. That's the DR 400."

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