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Agfa highlights the DR 800 and Dynamic MUSICA for intelligent digital imaging, at AHRA 2018

The multi-purpose digital radiography platform delivers radiography, fluoroscopy and advanced clinical applications in a single investment

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- Positioning freedom, workflow improvements and high image quality enhance operator and patient satisfaction.
- The Dynamic MUSICA image processing software processes both static and dynamic (moving/fluoroscopy) images.
- The DR 800 enables potential dose reductions of up to 60%¹, while offering the image quality needed for an informed diagnosis.

(AHRA 2018, Booth #1007) Agfa will display the new DR 800* multi-purpose digital imaging system with Dynamic MUSICA at AHRA 2018. Delivering radiography, fluoroscopy, advanced clinical applications and intelligent MUSICA image processing, the DR 800 supports Agfa's role as a value-based provider offering dynamic imaging solutions that enhance image quality, productivity and workflow.

Dynamic imaging from a multi-purpose solution

The DR 800 is much more than an X-ray room; it is a dynamic imaging solution designed to enable radiology to meet the growing demand for fluoroscopy, without requiring multiple investments. Robust and reliable, it can handle a full range of radiographic exams (skeletal, thorax, abdomen, weight bearing) and fluoroscopy exams (including barium studies, arthrograms, cystograms, myelography and catheter placement, etc.). The flexible, multi-purpose DR 800 thus supports enhanced image quality, productivity and workflow efficiency for the busy imaging environment.

¹ Testing with board-certified radiologists has determined that Cesium Bromide (CR) and Cesium Iodide (DR) Detectors, when used with MUSICA image processing, can provide dose reductions of 50 to 60%, compared to traditional Barium Fluoro Bromide CR systems. Contact Agfa for more details.

Dynamic MUSICA for fluoroscopy images

Dynamic MUSICA processes both still (general radiography) and moving (fluoroscopy) images with the same, proven high image quality and efficient workflow. This intelligent, 'gold-standard' image processing software provides 'first time right' images, improving the imaging experience for patients and staff. It also adds better noise suppression, superb brightness and density stabilization to dynamic imaging studies.

Patient radiation dose reduction

The DR 800 integrates several technologies that support radiation dose optimization and reduction. LiveVision provides a first-person camera view of the patient, enabling precise, remote, radiation-free positioning. Advanced Cesium Iodide (CsI) detectors offer high-speed, high-resolution imaging and the potential for a lower dose¹. The MUSICA image processing software also plays a role in reducing dose.

Patient and operator comfort

Patient and operator comfort are enhanced by the remote control and in-room control capability, the auto positioning and the 180-cm Source Imaging Distance (SID). Exposure control and digital imaging functionality are seamlessly integrated into an intuitive, efficient user interface.

"High-quality, intelligent imaging is essential for well-informed diagnosis and treatment decisions, and thus for value-based care," comments Jared K. Houk, Regional President Imaging Division of Agfa US Corp. "With the DR 800, we have used our experience and innovation to create a versatile, dynamic imaging solution that can be configured to match the user's specific needs. The DR 800 plays a key role in assuring optimum patient care, supporting radiology within the care continuum."

You can discover more about the DR 800 and Dynamic MUSICA by visiting us at AHRA 2018, July 22–25 in Orlando, FL, USA Booth #1007.

*Not yet available in Canada.

For an image, courtesy of Agfa, [click here](#)

About Agfa

The Agfa-Gevaert Group is one of the world's leading companies in imaging and information technology. Agfa develops manufactures and markets analogue and digital systems for the printing industry (Agfa Graphics), for the healthcare sector (Agfa HealthCare), and for specific industrial applications (Agfa Materials). Agfa is headquartered in Mortsel, Belgium. The company is present in 40 countries and has agents in another 100 countries around the globe.

For more information on Agfa, please visit www.agfahealthcare.com



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