



UP TO  
**60%**  
LESS DOSE<sup>1</sup>

# INTELLIGENT RADIOGRAPHY

— powered by —  
**MUSICA**<sup>®</sup>  
TECHNOLOGY

Get high quality images at low dose, from Agfa's complete DR portfolio based on intelligent MUSICA.

**AGFA** 

# Choose INTELLIGENCE

With Agfa's comprehensive DR portfolio, you know that, any way you choose, you are making the smart choice. Because each of our DR solutions includes intelligent MUSICA image processing, for "first-time-right" images with the possibility to reduce dose. That's intelligence you can count on.

## A DR Solution For Every Imaging Environment

We are committed to making the benefits of DR – such as high-quality images, increased productivity and a smoother workflow – available to every healthcare enterprise, regardless of its size or budget. Whatever your imaging challenge, with our comprehensive range of DR solutions, you'll find a solution that answers your specific needs.



# MUSICA

## TECHNOLOGY

### MUSICA goes dynamic!

Dynamic MUSICA processes both still (general radiography) and moving (fluoroscopy) images with the same, proven high image quality and efficient workflow. It adds better noise suppression compared to previous MUSICA versions, superb brightness and density stabilization to dynamic imaging studies.



### Ceiling suspended DR

#### **Optimal speed, precision and comfort**

The high-productivity DR 600 X-ray room unites excellent automation with our top-of-the-line image quality. It streamlines workflow, increases throughput and enhances the experience of patients and operators alike. ZeroForce technology makes movement of the tube head, wall stand and table in all directions quick and easy, while EasyStitch technology automates full leg/full spine stitching.



### Genrad/Fluoroscopy DR

#### **A single solution that does triple duty**

The DR 800 lets you carry out general radiography, fluoroscopy and free exposures in a single room, with a single investment. Robust and reliable, it can handle a full range of radiographic exams (skeletal, thorax, abdomen, weight bearing) and fluoroscopy exams (barium studies, arthrograms, cystograms, myelography and catheter placement, etc.). It includes LiveVision technology allowing accurate dose-free remote positioning.





## Floor mounted DR

### Customizable DR for price sensitive imaging environments

The DR 400 brings scalable, hospital grade DR to the reach of every imaging environment. This complete, floor-mounted DR system can grow and develop with the needs of your facility. It delivers high throughput with a low cost per examination, all while providing excellent image quality. And the full-floating tabletop makes it easy to position patients, for greater patient and staff comfort.



## U-arm DR

### Small footprint, optimal flexibility

With its small size and floor-mounting, the DX-D 300 with fully motorized U-arm is cost effective and easy to install, even in rooms with limited space. Yet it can handle a broad range of X-ray studies, including lateral exams and full leg/full spine with automatic stitching. This adaptability makes it ideal for an orthopaedics environment, even with less mobile patients.



## Mobile DR

### Powerful imaging on the move

The DX-D 100+ gives you mobile imaging excellence, with very rapid high-quality image capture and immediate image validation, transfer and access. FreeView technology lets you collapse the telescopic arm for safe transfer, then pop it back up at the patient's bedside. Ideal for your ICU, emergency room and operating theater, the maneuverable DX-D 100+ can easily be operated by a single person.





## DR Retrofit

### **It only takes an instant to go DR**

Maximize your existing investments, while getting all the benefits of DR! With the DR Retrofit, your analog and CR modalities – fixed, mobile, mammography<sup>3</sup> and full leg/full spine – become high-productivity DR “in an instant”. The benefits are clear: fast, high-quality images and a smooth, fast workflow.



## Compact mobile DR

### **Convenient and cost-effective bedside imaging**

The DR 100e<sup>2</sup> makes your bedside and ICU imaging convenient and cost-effective. Maneuver this compact, mobile DR unit down narrow corridors, and set it up right where you need it, for optimal patient comfort and no-compromise digital imaging.

## DR detectors covering all of your radiography needs

Choose your digital detector depending on your needs. We offer fixed, tethered and wireless detectors in different sizes, the smallest of which fit into any neonatal intensive care unit tray. They are all based on the latest scintillator technology: either Gadolinium Oxysulfide (GOS) or Cesium Iodide (CsI).

# INTELLIGENT MUSICA:

the heart of your DR imaging





Each of our DR solutions includes our gold standard MUSICA image processing software. MUSICA brings intelligence to the entire imaging process, for “first time right” imaging without manual post-processing. It consistently gives you the high-quality images to support confident diagnosis, while saving both time and effort.

Third-generation MUSICA offers improved performance for difficult imaging areas, and optimally renders all relevant data in the image, adapted to the sensitivity of the eye, so there is no need for window/level adjustments. It provides exquisite image detail and comfortable reading, even when the images are acquired using a lower radiation dose.

## MUSICA<sup>®</sup>

TECHNOLOGY

### Dedicated MUSICA

MUSICA imaging processing has been specially adapted to DR imaging. Dedicated versions have also been developed for specialized imaging challenges, including:

- MUSICA Neonatal
- MUSICA Mammography<sup>3</sup>
- MUSICA Full Leg/Full Spine
- MUSICA Chest+
- MUSICA Bariatric Abdomen
- MUSICA Dynamic for Fluoroscopy



### Reduce radiation exposure

Agfa DR with MUSICA offers you a powerful tool for managing and potentially reducing patient imaging radiation dose. Every solution in our DR portfolio is designed according to the ALARA (as low as reasonably achievable) principle, to deliver the optimum balance between low radiation dose and high image quality, while providing the tools to monitor patient exposures. And our dose-efficient Cesium Iodide detectors, when used with MUSICA, can help you reduce dose up to 60%.<sup>1</sup>



### Intelligence at the modality level

We believe that intelligence adds value at every level of imaging, to improve patient and staff experiences, and to enhance quality and productivity. Our artificial Intelligence-powered functions at the modality level include:

- Pre-acquisition: personalized dose settings, intelligent collimation control;
- During acquisition: intelligent automated exposure control and automated MUSICA image processing;
- Post-acquisition: automated image rotation, automated positioning and alert triggering.

- <sup>1</sup> 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 up to 60% when compared to traditional Barium Fluoro Bromide CR systems. Contact Agfa for more details.
- <sup>2</sup> DR 100e is not yet available in the US and Canada
- <sup>3</sup> Mammography is not available in North America

For more information on Agfa, please visit our website on [www.agfa.com](http://www.agfa.com) ■

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