DR 800
DIGITAL IMAGING MULTI-TOOL

In-room and Remote Controlled Imaging System
with Intelligent MUSICA Image Processing,
for Radiography and Dynamic Imaging Applications.

AGFA

What does

MULTI-PURPOSE

mean to you?

How about:

Versatility and a great financial value?

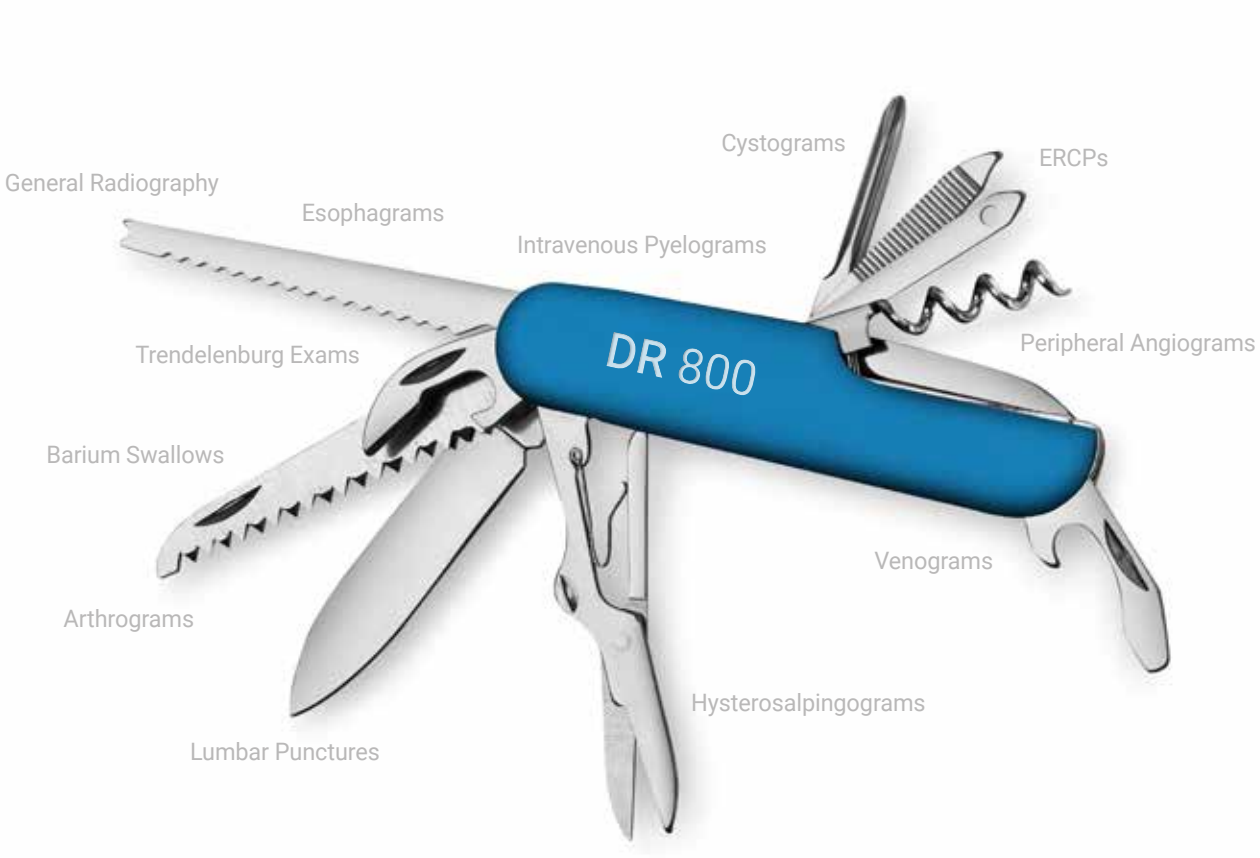
Fully integrated digital imaging, with MUSICA image processing for Radiography and for Dynamic imaging? A wide range of features combining unrivalled positioning freedom with workflow improvements? Yes, the DR 800* delivers all that, and much more!

Supporting general radiography, fluoroscopy and advanced clinical applications, this highly versatile, fully integrated digital imaging solution offers performance, ease of use and flexibility. One investment for a broad range of applications encompasses all types of exams, so you don't need additional specialty rooms.

Remote control and in-room control capability, auto positioning, 180 cm Source Imaging Distance (SID) and radiation-free video positioning enhance patient and operator satisfaction, comfort and safety.

Exposure control and digital imaging functionality are seamlessly integrated into an intuitive, efficient user interface.

Powerful Dynamic MUSICA image processing assures superb image quality and the lowest possible dose with a more efficient workflow.



In-room radiation protection equipment is optionally available for your DR 800.
Components can be assembled like building blocks and can be tailored to your individual requirements.

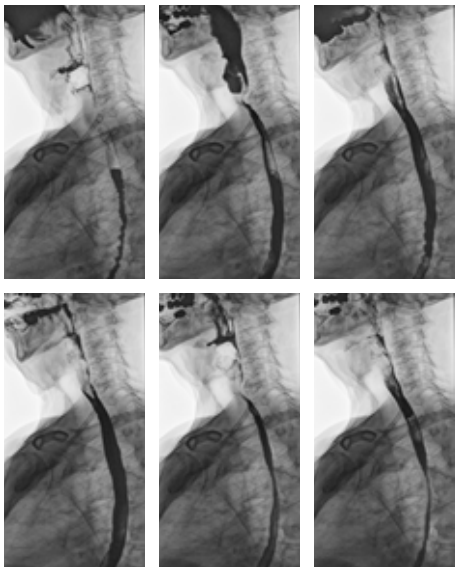
Dynamic
MUSICA

The DR 800 includes Dynamic MUSICA image processing software for both Radiography and Dynamic (Fluoroscopy) images.

For more than 20 years, MUSICA has been helping you get more from your images, with market leading image quality at the lowest dose reasonably achievable and smooth, efficient workflow.

Dynamic MUSICA adds enhanced noise suppression as well as superb brightness and density stabilization to dynamic imaging studies.

With Dynamic MUSICA, fluoroscopic imaging is virtually reinvented!



Leading-edge workflow offering

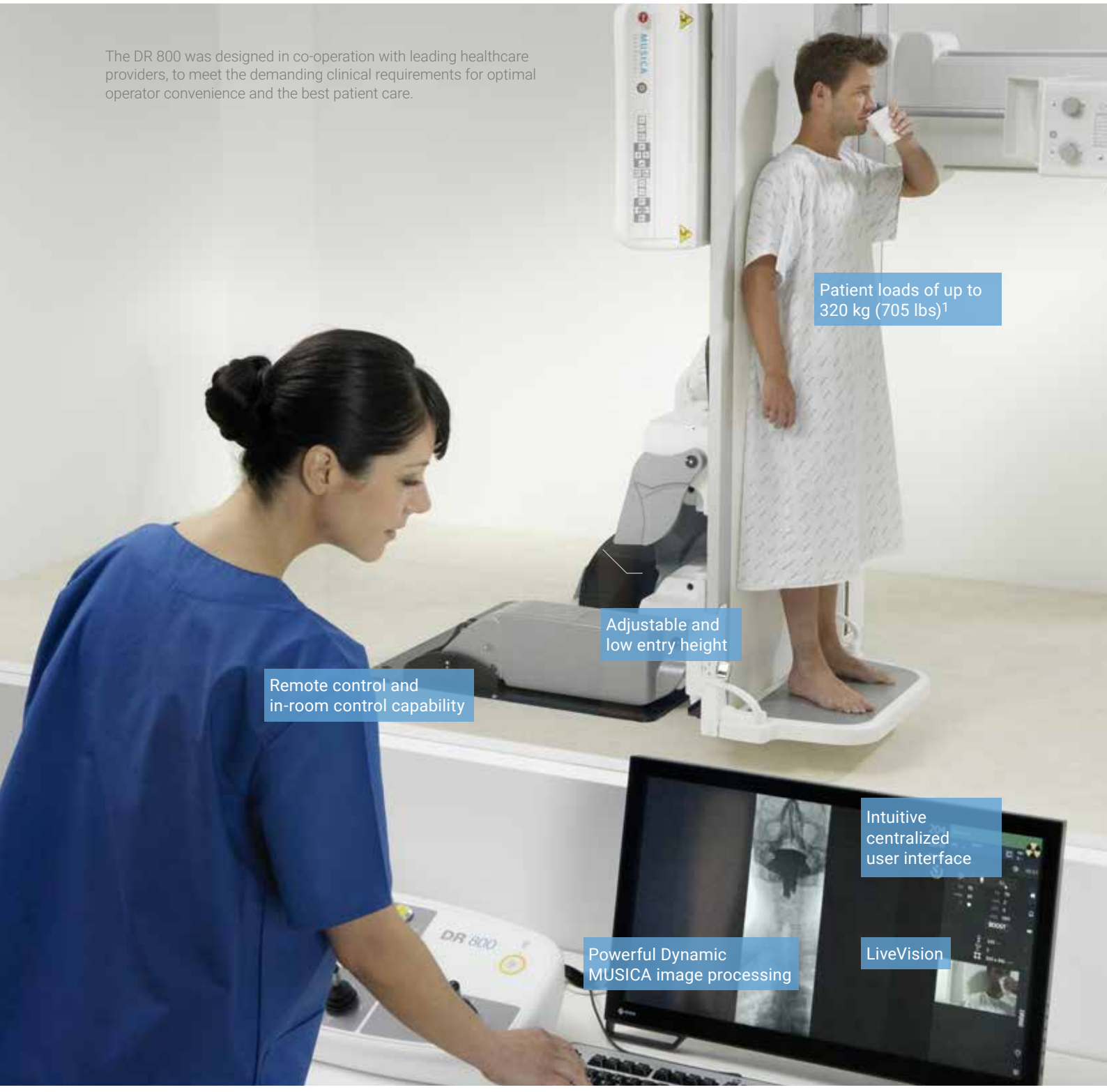
ENHANCED EFFICIENCY and PATIENT SATISFACTION

With the DR 800, you have a whole range of features and technologies that minimize exam preparation time, procedure time and image acquisition.

Unrivalled positioning freedom, a highly optimized interface and MUSICA's consistent image quality come together to help you assure a better patient experience.

- **Greater flexibility**, with in-room or remote radiography and fluoroscopy exams.
- **Maximum productivity**, from the integrated table console for patient-side positioning and integrated auto-switching anti-scatter grid.
- **Enhanced patient care**, everything can be done in the room, without leaving the patient alone.
- **Faster preparation**, thanks to easy touch screen and joystick control of all table movements, collimation and exposure parameters. Variable filtration is available automatically via exam selection.
- **Smoother patient flow** and greater productivity, with a single-touch, remote-controlled user interface including table, tube and imaging receptor auto-positioning.
- **Ready to go**, with one-button positioning of the table for the procedure you select.
- **Images are immediately available** from a cost-effective, high quality flat panel detector.

The DR 800 was designed in co-operation with leading healthcare providers, to meet the demanding clinical requirements for optimal operator convenience and the best patient care.



1 For patient loads of up to 265 kg (507 lbs) with full functionality, and 320 kg (705 lbs) with limited functionality

Assure patient and operator

COMFORT

The DR 800 has been designed to provide maximum comfort for both the patient and the operator.

- Robust weight capabilities, for patient loads of up to 265 kg (507 lbs) with full functionality, and 320 kg (705 lbs) with limited functionality;
- Simplified access, even for patients with limited mobility thanks to the smooth motorized table and low height adjustment capability;
- Effortless patient transfer from stretcher or bed, with clear access to a 120-cm section of the table;
- Maximum operator and patient comfort, with fast, robust and smooth table movements. The table height settings can be adjusted for standing exams, optimal positioning, and more.

Innovation meets

REAL NEEDS

The versatile and flexible DR 800 is enriched with revolutionary technologies that meet the real needs of the value-based care organization, for confident diagnosis, greater collaboration, and potential reduction of patient dose.

VARIODRIVE TECHNOLOGY

The smooth yet swift VarioDrive movements for both manual and auto-positioning contribute to a quick, easy procedure for the patient.

EASYSTITCH TECHNOLOGY

Seamless automatic stitching directly on the table without extra in-room equipment. EasyStitch uses single focus, distortion free imaging technology providing simple, precise Full Leg and Full Spine (FLFS) imaging.

LIVEVISION TECHNOLOGY

First-person camera view of your patient, allowing you to position patients before making exposures without radiation.

Standing

Tube and table rotation features enable on- and off-table weight bearing studies and other challenging exams.

Do more

Combining the DR 800 with an overhead ceiling tube is also possible and offers the ultimate workflow flexibility for cross-table and off-table work as well as caring for patients that cannot be moved from their wheelchairs or stretchers.

Choose your own workflow

For patient care, use in-room, table side controls for table and patient positioning.

How important are

VERSATILITY AND FLEXIBILTY

to you and your patients?

With just a single investment, you get a multi-purpose room offering the uncompromised image quality, maximum versatility and clinical procedure capabilities you need.

- Fluoroscopy: Multi-purpose versatility, with up to 30 frames per second acquisition rate, makes the DR 800 ideal for fluoroscopy.
- Chest: The 180 cm Source Image Distance (SID) allows chest imaging at the standard SID without additional equipment.
- Standing: Tube and table rotation features enable off-table weight bearing studies and other challenging exams.
- Extremities: Motorized tube column angulation, combined with manual tube rotation, enables end-to-end table-top coverage and unrestricted examination of extremities.
- Stitching/FLFS: Full leg / full spine capabilities come standard, including tube and detector positioning, acquisition of up to four images with EasyStitch technology. Optionally, you can add high-level positioning measurement and extensive orthopedic tools.
- Pediatric imaging: On-board MUSICA, the DAP meter, Exposure Index, pulse fluoroscopy and short exposure times enable you to minimize patient dose and accurately measure and record patient dose. This is particularly important for pediatric patients. The anti-scatter grid can also be easily removed, further reducing dose for pediatric imaging as well as for extremity imaging.
- Stretcher/Trolley: The DR 800 is an ideal solution for stretcher exposures and you don't need additional ancillary room equipment.
- Do more: Combining the DR 800 with an overhead ceiling tube is also possible and offers the ultimate workflow flexibility for cross-table and off-table work as well as caring for patients that cannot be moved from their wheelchairs or stretchers.
- Choose your own workflow: for patient care, use in-room, table side controls for table and patient positioning.
- In room Personal Protection Equipment: Optional, in-room radiation protection equipment is available for your DR 800. Components can be assembled like building blocks and can be tailored to your individual requirements.

Make
DOSE
matter!

Patient radiation dose is everyone's business, and the DR 800 enables potential dose reductions, while offering the image quality you need for optimal patient outcomes.

- Integrated Dose Area Product (DAP) meter, allowing the automatic reporting of dose;
- Cesium Iodide (CsI) detectors, for optimal image quality with a lower radiation dose;
- MUSICA image processing, getting you more from your images, automatically at acquisition with exquisite detail at a lower dose[2];
- LiveVision, enabling accurate radiation dose-free remote positioning.

Predict your DR 800
LIFECYCLE COSTS

Agfa is there for you!

We offer service agreement solutions tailored to your situation, making your lifecycle costs predicable.

You can also rely on our worldwide team of 1000 professionals to provide the service you need at all phases of your project. Their skills go well beyond maintenance; they can help you customize your workflow, user interface, examination options and link RIS protocol codes for an even faster return on investment.

Additionally, we can provide value-added services such as super user training, staff training and software upgrades.

2 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 between 50 to 60%, compared to traditional Barium Fluoro Bromide CR systems. Contact Agfa for more details.

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For more information on Agfa, please visit our website on www.agfa.com ■

*** DR 800 is not available in Canada.**

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