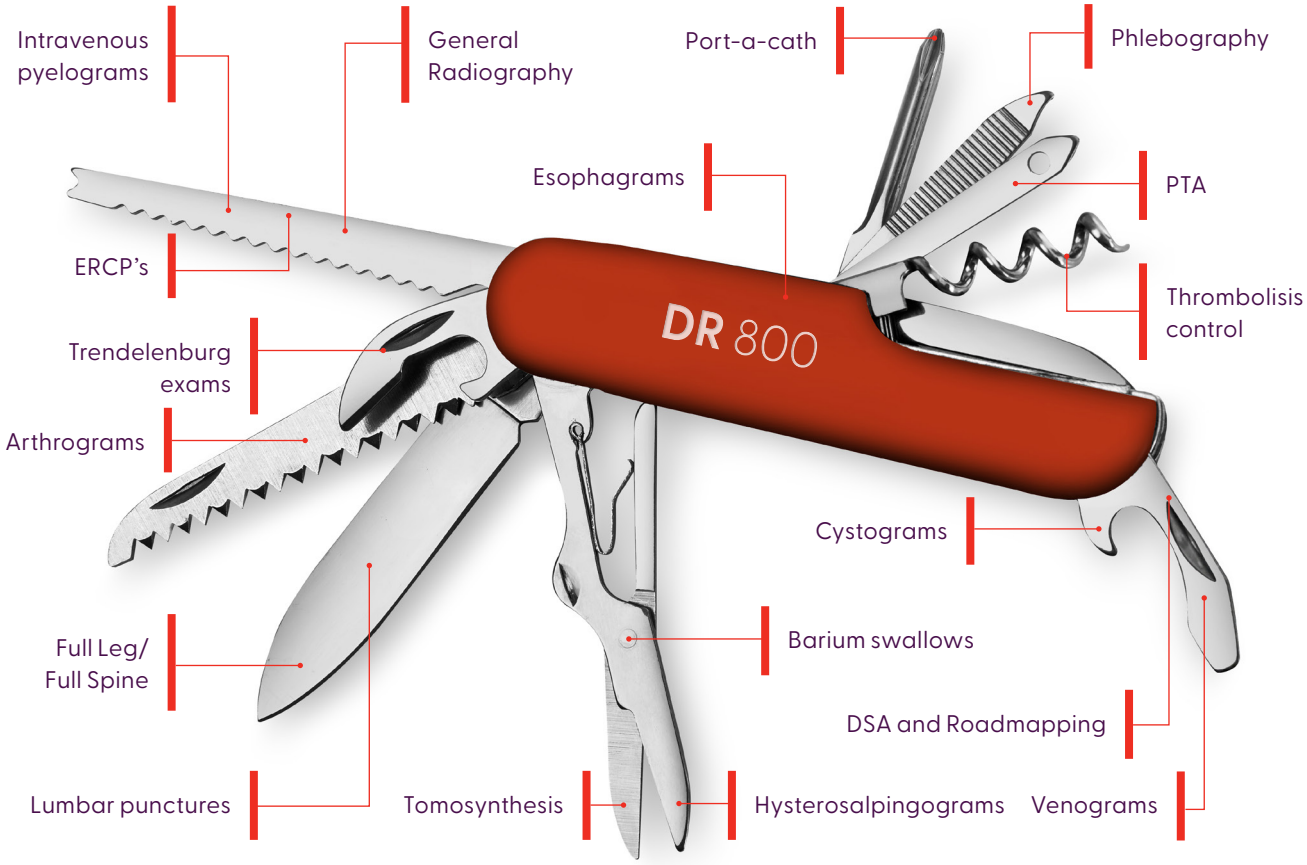


AGFA RADIOLOGY

DR 800

Digital imaging multitool

Optimize your workflow and investments, with a single solution that enhances efficiency from acquisition to image processing.



The DR 800 is increasing our patient throughput, while maximizing the use of the room. Workflow is smoother, and the image quality is excellent. Our radiologists are very pleased with the image quality, and room features, and are excited that we have added digital tomosynthesis capability for challenging exams. Additionally, the potential reduction in dose helps us meet our commitment to patients, to provide high quality and safer patient care.

Marcus Foster
Director of Radiology Services
at Chesapeake Regional Medical Center

AGFA RADIOLOGY

What does multi-propose 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, tomosynthesis and advanced clinical applications (i.e. DSA/roadmapping), 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 workflow 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.



The DR 800 is used as a multi-purpose room in our facility. It is the only X-ray room in this facility currently, so it's doing everything: all of our ER patients, outpatients, inpatients, fluoroscopy exams... It can do it all. We are currently running 40% above our patient volume projections, but the DR 800 has been able to keep up. That tells you how good an investment it has been for us.

Max Grady
Chief Executive director of medical imaging at the recently opened Troy Hospital US



MUSICA

IMAGING WORKSTATION

Compared to our previous fluoroscopy system, we saw a dose reduction of 30-45% on average after installing the DR 800.

We are used to the image quality of MUSICA®, and we see it as something that gives our physicians diagnostic confidence. So it was very important for us to find a system that maintained that consistency.

Winfried Brockhaus
Chief radiographer at the Katholisches Klinikum Nord GmbH/Marien Hospital

AGFA RADIOLOGY



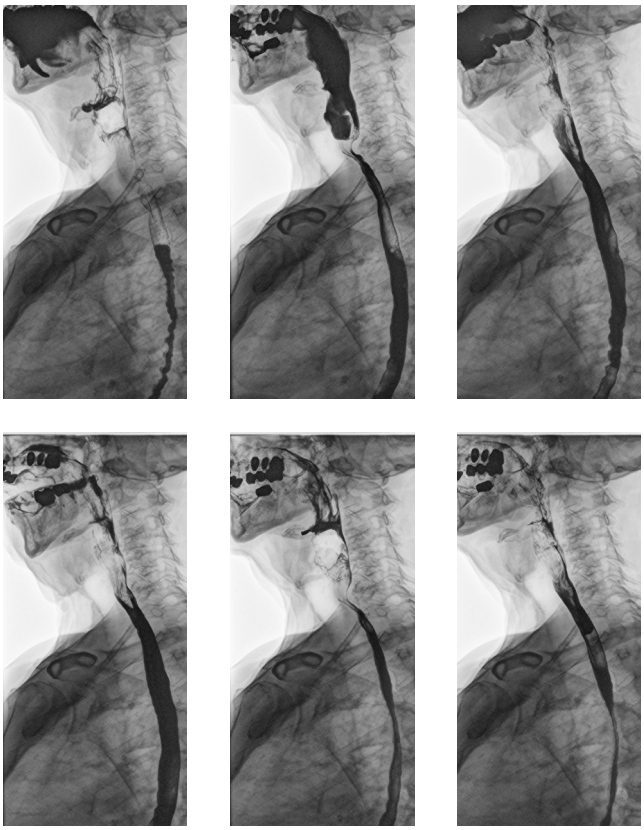
Dynamic MUSICA®

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!



DR 800 is simply market-leading. Dynamic images often have lower resolution, but the DR 800 provides amazing detail both for moving and static images.

Nigel Beeton
West Suffolk NHS Foundation Trust, UK

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, offering Genrad and Fluoroscopy including: stretcher, wheel chair and cross table exposures.

Maximum productivity, combining centralized controls, intuitive touch-based interaction that sets the whole system to your needs in a one-click Imaging workflow.

Enhanced patient care, with full in-room control everything can be done patient side. High quality components and image processing are resulting in low patient dose and consistent image quality.

Smoother patient flow and greater productivity, with a single-touch, remote-controlled user interface including table, tube and imaging receptor auto-positioning.

Faster preparation, for each selected procedure the "Variodrive" one-button auto positioning and "Raysense" auto switching anti scatter grid ensures a smooth and efficient workflow.

"Versatility", supporting advanced clinical applications including improved automatic stitching, Tomosynthesis, Digital Subtraction Angiography (DSA) and Roadmapping.

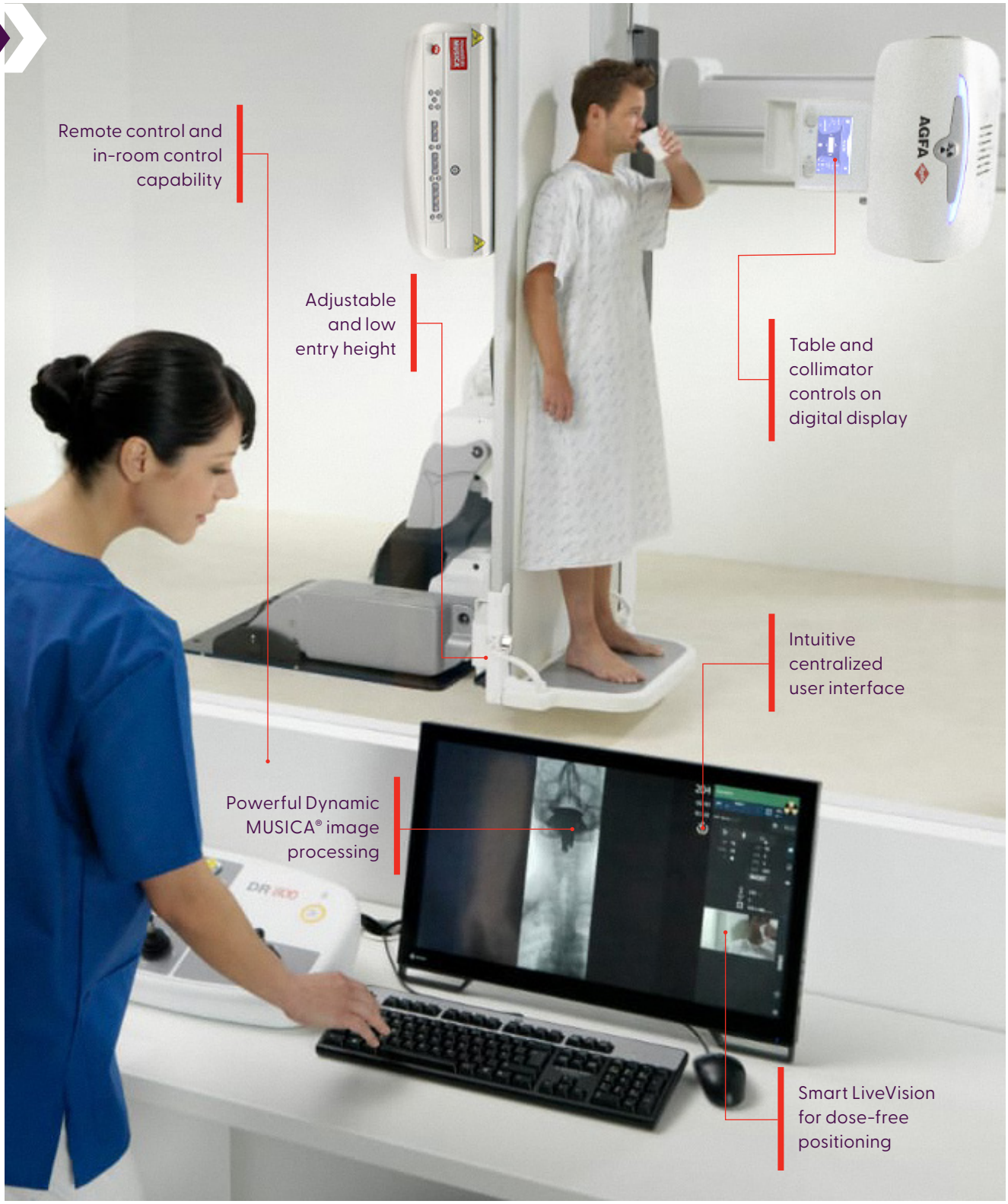
"Patient safety", with Smart LiveVision always keep an eye on the patient, avoiding time consuming retakes and unnecessary dose.

"The right view", with the plug-and-play SmartRotate, every image is presented ready for viewing, directly and automatically.

Having the DR 800 makes much better use of the room. We were overloaded with the plain film imaging, but the fluoroscopy room was low-use. Now, the room is being used more efficiently.

Dr. Rob Colliver
Chief of radiology at the Royal Bath hospital, UK

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.





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 320 kg.
- **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 can be titled +90°/-90° for standing exams, optimal positioning, and more.

AGFA RADIOLOGY



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.

Innovation meets real needs

Reach for a helping hand: SmartRotate

SmartRotate is available with the DR 800, putting Agfa's proven imaging expertise into play by automatically presenting images ready for viewing. It is part of the SmartXR portfolio, which brings artificial intelligence to your digital radiography equipment at the point of care, to help lighten your workload and provide practical image acquisition support.



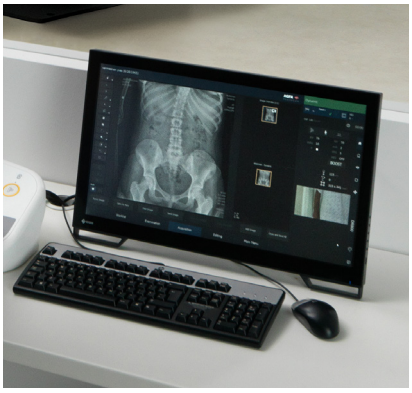
VarioDrive. Technology

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 allowing horizontal and vertical Full Leg/ Full Spine (FLFS) procedures. EasyStitch uses single focus, distortion free imaging technology providing simple, precise Full Leg/Full Spine (FLFS) imaging.



LiveVision. Technology

First-person camera view of your patient, allowing you to remote position patients to keep an eye on them without radiation. For selected exams, LiveVision highlights patient movement both inside and outside the collimation area, helping radiographers identify body rotation early and reduce the risk of retakes.

How important are versatility and flexibility to you and your patients?



Having the digital tomosynthesis with our DR 800 offers us an additional imaging choice that speeds up diagnosis. It reveals things that might not be visible with classical X-ray.

Robert Zbyslaw
Radiologist, Powiatowy Szpital w Ilawie, Poland



By using the DR 800 for our simpler digital subtraction angiography (DSA) procedures, we can free up our angio-system for longer, more complex procedures and those for which a second projection is preferred. Furthermore, the DR 800 offers a budget-friendly way to perform DSA procedures, as it only needs software to add this functionality.

Dr. Dirk Lommel
Radiologie Wittlich, Germany



It's a workhorse for fluoroscopy, but what really makes the difference is the Full Leg/Full Spine imaging. When we were comparing systems, we saw that the DR 800 is state-of-the-art compared to what else is available.

Nigel Beeton
West Suffolk NHS Foundation Trust, UK

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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, and/or wallstand 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.

Digital Subtraction Angiography (DSA)/ Roadmapping

The DR 800 offers improved diagnostic visualization for interventional procedures, with real-time subtraction and masking (roadmapping) for guidance in the positioning and placement of catheters, stents and balloons.



The DR 800 is so easy to use. It becomes second nature for radiographers. With no manual handling, positioning is fully automated. Exams are probably about 50% quicker: the limiting factor is actually getting the patient on and off the table, but that cannot be done any quicker. Before, we had to wait 90 seconds to process the image; now, it takes two to three seconds to get the image.

Rosie Freeman
Director of radiology at
the Royal Bath Hospital, UK



How important are versatility and flexibility 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 40 frames per second acquisition rate, makes the DR 800 ideal for fluoroscopy.
- **Digital tomosynthesis:** Drives high-resolution, limited-angle tomography with very fast, multi-slice image reconstruction.
- **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.
- **EasyStitch:** Full Leg/Full Spine capabilities come standard, including tube and detector positioning, acquisition of up to four images. With EasyStitch, you can add extensive orthopedic tools.
- **Pediatric imaging:** On-board MUSICA®, pulsed fluoroscopy, high power generator (resulting in short exposure times), automated extra filtration and automated anti-scatter grids enable you to minimize the patient dose. DAP meter and exposure index enable you to minimize accurately measure and record patient dose.
- **Stretcher/Trolley:** The DR 800 is well suited for stretcher exposures without the need for additional 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.
- **Digital Subtraction Angiography (DSA)/ Roadmapping:** Improved diagnostic visualization for interventional procedures, with real-time subtraction and masking (roadmapping) for guidance in the positioning and placement of catheters, stents and balloons.
- **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[1].
- **Smart 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.

Over 1000 professionals worldwide

Value-added Services:



implementation services

service maintenance agreements

DR detector care

remote services

MUSICA® analytics consulting

AGFA RADIOLOGY

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

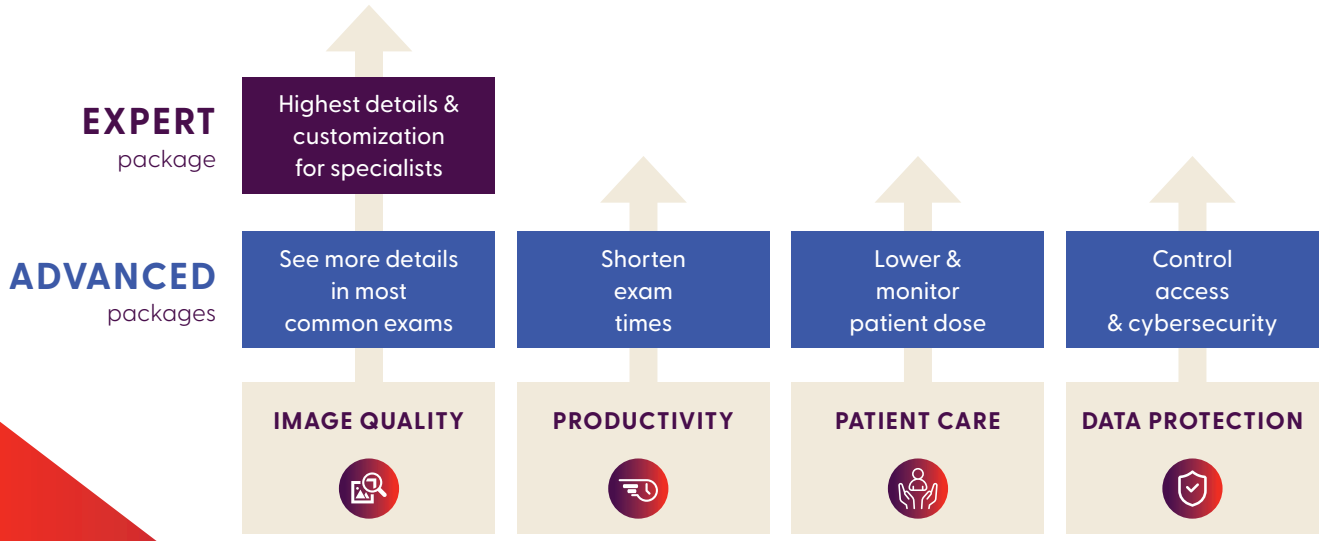
The clinicians are beside themselves with the image quality of the DR 800. It is one of the key features with this equipment. You can see detail on those images that you wouldn't believe possible.

Nigel Beeton
West Suffolk NHS Foundation Trust, UK



Upgrade your DR 800 room

Did you know you can augment your DR 800 room with one or multiple MUSICA® Workstation Packages? Increase your capabilities where it best fits your needs: Image Quality, Productivity, Patient Care and Data Protection.



Follow us:

agfaradiologysolutions.com » Septestraat 27 - 2640 Mortsel - Belgium

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