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Buttstädt Surgery Practice, Germany, takes its X-ray imaging digital, with Agfa's compact U-arm DR solution

The DX-D 300 with MUSICA image processing enables a faster workflow, better image quality and a radiation dose reduction of up to 70%¹

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- With a fully motorized U-arm and small size, the floor-mounted DX-D 300 is easy-to-use and cost-effective to install.
- The wide movement and rotation range of the detector enable a broad range of specific and complex exposures, making the DX-D 300 ideal for imaging in a surgical practice.
- Powered by the MUSICA image processing, the DX-D 300 delivers consistent image quality.
- High-quality images are available immediately and can be shared across different sites.

Agfa announces that the Buttstädt Surgery Practice, Germany, has switched to digital imaging with the DX-D 300 U-arm X-ray solution, following a competitive tender. Despite the current COVID-19 crisis, the implementation was completed in March 2020, and the new direct radiography (DR) X-ray system put into operation, delivering a faster workflow, better image quality and lower patient radiation dose for the surgery practice.

Multi-site image access

Since 2017, the Buttstädt Surgery Practice has been part of the Apolda medical care center at the Robert Koch Hospital Apolda. Patients examined at the Buttstädt Surgery Practice may also be treated at the hospital.

¹ Compared to conventional X-ray imaging – claim of Buttstadt Surgery Practice

Moving from conventional film-based X-ray to digital imaging was a priority to enable images to be quickly and easily shared between the different sites.

Other criteria for the new system included a faster workflow and better image quality, with a focus on the specific imaging needs of a surgical practice.

DX-D 300: flexible imaging excellence

The DX-D 300 is a quick and easy way to go direct digital. Compact enough for a limited space, it requires minimal training. The U-arm DR solution offers the versatility to capture a wide range of specific and complex exposures, with immediate previews starting less than one second after exposure.

The DX-D 300 supports healthcare facilities by enabling reduced patient waiting times, faster workflows, increased productivity, the potential for a lower dose and greater diagnostic confidence.

Powered by MUSICA

Like all Agfa DR solutions, the DX-D 300 was delivered with the MUSICA Imaging Workstation, which provides efficiency and workflow intelligence. Smart MUSICA image processing automatically delivers excellent DR image quality, without manual post-processing. The combined use of MUSICA image processing with CsI detector technology offers the potential for significant dose reduction².

Enhancing patient care

“Modernizing our imaging set-up had become a necessity: we needed access to digital images to be able to work effectively across two sites. In addition, our focus was firmly on enhancing patient care. The DX-D 300 answered those needs, including a patient radiation dose reduction of up to 70%, compared to conventional X-ray imaging,” says Uwe Koch, Managing Director of the Robert Koch Hospital Apolda.

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 for more details.

Doctor Siegfried Schmelzer from the Buttstädt Surgery Practice adds: “Changing over from our long-term imaging processes was not easy. But even after such a short time using the DR system, our staff would already not choose to go back. They have even given the DX-D 300 unit a name, ‘Elsa’, which I believe clearly shows how it has become an integral part of our practice.”

“We are delighted to have been chosen to take imaging at the Buttstädt Surgery Practice digital, and that the DX-D 300 with MUSICA has so quickly demonstrated its value to patient and staff alike. In a second part of the tender, another DX-D 300 has been selected for installation at the Robert Koch Hospital Apolda. We look forward to building a strong relationship with the hospital,” comments Frank Barzen, Head of Marketing & Pre-Sales, Agfa Europe.

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

About Agfa

Agfa develops, produces and distributes an extensive range of imaging systems and workflow solutions for the printing industry, the healthcare sector, as well as for specific hi-tech industries such as printed electronics & renewable energy solutions.

The headquarters are located in Belgium. The largest production and research centers are located in Belgium, the United States, Canada, Germany, France, the United Kingdom, Austria, China and Brazil. Agfa is commercially active worldwide through wholly owned sales organizations in more than 40 countries.

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