

Agfa Press Office
Septestraat 27
B – 2640 Mortsel
Belgium

Birgitte Baten
Global PR Manager
Agfa

T +32 (0)3 444 8007
[Birgitte.baten@agfa.com](mailto:birgitte.baten@agfa.com)

Johan Jacobs
Corporate Press Relations
Manager Agfa-Gevaert NV

T +32 (0)3 444 80 15
johan.jacobs@agfa.com

Agfa extends partnership with the Kostanay region of Kazakhstan, with the delivery of four DR systems in 2019.

As part of Kazakhstan’s ‘Digitalization of the Healthcare System’ program, Agfa delivered 7 DX-D 300 systems in 2018 and 4 more in 2019.

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- With a fully motorized U-arm and compact size, the floor-mounted DX-D 300 direct radiography system is easy-to-use and cost-effective to install.
- The wide movement and rotation range of the detector enable a wide range of specific and complex exposures.
- Immediate availability of images contribute to a smooth workflow.

Agfa announces that its partnership with the Kostanay region of Kazakhstan to supply direct radiography (DR) solutions was extended in 2019. In 2018, Agfa delivered seven DX-D 300 systems to cities and regional hospitals around the region. In 2019, four additional DX-D 300 units were installed in August and September, to equip hospitals in more remote areas.

Modernizing and digitizing imaging

In 2017, Kazakhstan launched its ‘Digitalization of the Healthcare System’ roadmap. This program includes the transformation of all polyclinics and hospitals from paper-based to electronic medical records.

After a competitive tender, Agfa was chosen as partner to supply X-ray systems supporting the modernization and digitization program for the important region of Kostanay. In 2018, Agfa delivered DX-D 300 units to seven hospitals and clinics with the highest patient throughput, in cities around the region.

Following the successful installations in 2018, in 2019 the agreement was extended, and four more DX-D 300 systems were delivered in remote hospitals.

High image quality, convenience and potential for dose reduction

The compact size DX-D 300 with fully motorized U-arm is floor-mounted making it very easy and cost-effective to install, even in limited spaces. Yet it can handle a broad range of X-ray examinations, including lateral studies and full leg-full spine with automatic stitching.

Like all of Agfa's DR systems, The DX-D 300 unit comes with the MUSICA Nerve Center, which offers a single, intuitive interface for smooth and efficient imaging, and MUSICA image processing, which has been specially adapted and tuned to provide excellent DR image quality. Exam-independent, MUSICA delivers consistent image quality and high contrast detail, even for low-dose images.

By reducing patient waiting times, allowing a potential dose reduction and increasing diagnostic confidence, the DX-D 300 answers the need for constant enhancement of patient comfort and performance, while meeting the requirements for digital, paperless X-ray diagnostics.

Enhancing productivity and patient safety

"After the Agfa DX-D 300 was put into operation, the throughput capacity of our X-ray room almost doubled. The images are immediately available, which is especially crucial for the diagnosis of emergency patients. At the same time, the image quality is very high." says A.H.Ospanov, Radiographer at Zhemchuzhina Hospital, "The wide movement and rotation range of the detector enable us to conduct a wide range of specific and complex exposures, especially of patients with limited mobility. The radiographer spends much less time on routine work such as positioning patients. With the ease of use and correctly chosen exposure modes, there is no need to retake images and expose patients to additional radiation."

"We are very proud to have played a role in the success of the first stage of the healthcare digitalization process in the Kostanay region of Kazakhstan," comments Jan Leeuws, Vice President Region Direct Export of Agfa. "We have developed a portfolio of DR solutions to enable any hospital to benefit from the advantages of digital imaging. By implementing the DX-D 300 systems in such a

diverse range of hospitals, we have been able to prove the value of this approach.”

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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