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Surgeon and Director of the Emergency Center

“Innovation and education”
the way forward for hospitals in Serbia

Busy emergency center in Belgrade implements direct digital
technology for improved delivery of patient care

"Innovation and education" the way forward for hospitals in Serbia

Interviews with: Dr. Zlatibor Lončar, Surgeon and Director of the Emergency Center

The Clinical Center of Serbia is the largest hospital in the country, with 33 different clinics. Its emergency center has two clinics of its own and 300 beds, including 170 for intensive care, making it the busiest emergency center in all of Serbia. Image quality, ease of use, and the ability to perform mobile imaging at patients' bedsides were the key considerations in choosing the DX-D 100 DR solution to address the many imaging challenges in this demanding environment.



Before implementing the DX-D 100, emergency patients had to be taken to another floor of the center for imaging. The center opted for a new DR imaging solution to support the emergency center in providing the best care to its patients, including those restricted to hospital beds. "We use the DX-D 100 for our most challenging patients," says Dr. Zlatibor Lončar, Surgeon and Director of the Emergency Center. "With it, we can perform examinations without having to move patients around."



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Surgeon and Director of the Emergency Center

For Dr. Lončar, implementing new technologies and improving education are key points in taking Serbia's hospitals into the future. "We need to implement a new generation of equipment for all of our hospitals, and to further educate staff," he says.

New focus points for healthcare in Serbia

The Serbian Government is exploring ways to bring the country's healthcare infrastructure more in line with other European countries. Focus points in this initiative include strengthening the healthcare system, ensuring equal access for all citizens, and streamlining the delivery of healthcare with improved processes and technologies.

"An important goal for us is to upgrade our technology. Other goals are to incorporate new methods and processes," says Dr. Lončar. "In surgery, for example, we want to introduce more sophisticated ways to perform surgery for oncology patients."

On the education side, Serbia has two radiology societies, and both offer programs for continuing education. For Dr. Lončar and his colleagues, international radiology congresses and the internet are also important sources of information on new developments in healthcare and image and information management.

Meeting complex patient needs with easy-to-use mobile solution

When it comes to new technology, these sources, in addition to a comprehensive tender process, inform purchase decisions. "We chose the DX-D 100 through a tender process, and made our decision on quality and price," says Dr. Lončar. "As we saw from the tender, mobility and workflow with the DX-D 100 are excellent. This solution addresses our needs in our central intensive care where we have the most complicated patients."

Thanks to its ergonomic design, the DX-D 100 is easily moved and operated by a single person, for improved quality and efficiency of bedside imaging. It can be used with several DR detectors, delivering instant previews and leading-edge resolution for a broad range of general radiography X-ray studies.



Did you know... Belgrade, the capital of Serbia, has a population of about 1.6 million residents. It's the country's center of education, culture, science and economy, and is one of the largest cities in Southeastern Europe. Belgrade is also the center for Serbia's film industry, and hosts the annual FEST film festival, launched in 1971.

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Agfa HealthCare's contribution

- Develops robust products that can handle customers' demands
- Offers solutions that support the transition to digital at every step of the way
- Local expertise and support backed by the assurance of a large global organization

DX-D 100 delivers speed, image quality and more efficient workflow

The DX-D 100 comes with Agfa HealthCare's gold standard MUSICA² image processing software, which has been specially adapted and tuned to further enhance the excellent DR image quality.

"The DX-D 100 is easy to use, provides the images quickly, has a much higher image quality than our previous system, offers a more efficient workflow and is independent from the electricity network," says Dr. Lončar.

For the emergency center, the implementation of the DX-D 100 marks another step forward in improving patient care. Continuing to build out with digital technologies will remain a focus, concludes Dr. Lončar. "We are currently looking at new modalities and a radiology network, as well as a new digital mobile X-ray solution for our operating rooms, where we currently have analog X-ray equipment."



Solution: DX-D 100

- Mobile DR solution offering instant imaging excellence for immediate validation wherever needed, from the ICU to the wards
- Handles a broad range of general radiography X-ray studies
- Short exposure time means images are available immediately, and can be validated straight away after exposure
- Higher productivity and image quality translates into lower cost per exam

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