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Nine Agfa DR imaging solutions to be implemented at Evangelismos General Hospital, Greece

State-of-the-art and robust solutions, including tomosynthesis and dynamic imaging, make Agfa the preferred partner.

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- Contract includes three ceiling-suspended DR rooms, with tomosynthesis, one multi-purpose DR room supporting fluoroscopy and tomosynthesis, and five mobile DR units.
- Evangelismos General Hospital is a demanding imaging environment, carrying out millions of X-ray exams every year.
- State-of-the-art and robust solutions, designed for efficiency and ergonomics, made Agfa the preferred partner for the hospital.

Agfa announces that it has been selected through a competitive bid process to implement nine fixed and mobile direct radiography (DR) solutions in Evangelismos General Hospital, in Athens, Greece. The procurement of the equipment is made possible through a grant to the hospital from the Stavros Niarchos Foundation (SNF). The SNF Health Initiative comprises a budget of \$450 million to support specific infrastructure, equipment and education projects that enhance the healthcare sector in Greece.

Large hospital builds on long-term relationship with Agfa

With more than 1000 beds, Evangelismos General Hospital is one of the two largest hospitals in Greece. A long-time Agfa customer, with both computed radiography (CR) and DR Retrofit units, the hospital carries out millions of imaging exams each year in its seven X-ray rooms.

Following a competitive bid, Agfa was chosen to support the upgrade to DR imaging.

DR advantages throughout the hospital

The DR equipment that will be implemented by March 2020, includes:

- Three ceiling-suspended DR 600 rooms , two of them with tomosynthesis¹. The rooms offer motorized auto-positioning and deliver high speed, precision and comfort.
- One DR 800 multipurpose room, supporting a broad range of applications, including general radiography, fluoroscopy, tomosynthesis, multi-slice and advanced clinical applications;
- Four DR100e² digital mobile units offering convenient, cost-effective bedside and ICU imaging;
- One DX-D 100 mobile unit, ensuring fast, high-quality image capture and immediate image validation, transfer and access, for productive imaging on the go.

The fixed X-ray rooms will be used for inpatients, outpatients and the emergency room, while the mobile imaging units will be employed across the clinics, surgery rooms and ICU. The contract also includes a 10-year service management agreement.

Gold-standard image processing for general radiography, tomosynthesis and dynamic imaging

All Agfa DR solutions will be delivered with the MUSICA Imaging Workstation, which provides efficiency and workflow intelligence, and Agfa's 'gold standard' MUSICA image processing, offering excellent DR image quality and enabling "first time right" imaging. The combined use of MUSICA image processing with Cesium Iodide (CsI) detector technology offers the potential for significant dose reduction³.

¹ DR 600 with Tomosynthesis is pending 510(k) clearance in the US.

² DR 100e is not available in the US and Canada

³ 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.

Dynamic MUSICA, delivered with the DR 800, processes both general radiography and fluoroscopy images with the same, proven high image quality and efficient workflow, for static and dynamic (moving) images.

MUSICA's tomosynthesis software powers the tomosynthesis reconstruction, automatically presenting images with optimal contrast, and providing consistent image quality across the individual slices and images. Agfa's tomosynthesis algorithms for iterative reconstruction not only deliver images with less noise and fewer artefacts, but also enable fast image reconstruction, in less than one minute.

“A new era in the radiology department”

“We are very pleased to continue our 30-year relationship with Evangelismos General Hospital, and to be their partner in establishing a new era in the radiology department,” explains Vassilis Karkalis, Sales Director Radiology Solutions East Europe, for Agfa. “This project shows how, with our comprehensive DR portfolio, Agfa can provide workflow optimization in a full digital radiology environment, while fulfilling our three pillars of high quality, cost-effectiveness and usability. At the same time, benefits such as the ability to share DR detectors, our ZeroForce and full leg/full spine technologies, and support for gridless imaging all played a role in the choice of Agfa.”

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.

For more information on Agfa please visit www.agfa.com



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