

Reference

Digital DR upgrade set with **Medici** in the Laboratory for Radiology and Ultrasonography of the University of Life Sciences in Lublin, Poland



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Laboratory for Radiology and
Ultrasonography of the University of
Life Sciences in Lublin, Poland

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 Medici DR Systems

Reference



The Chair of Veterinary Radiology was founded in 1972 by Prof. Dr. hab. Stanislaw Koper to combine education and science. Years of intensive scientific contacts between the Department of Radiology and Sonography and foreign science centres, in particular the university of Turin and the department of "Clinical Radiology" at the Royal Veterinary Faculty in Stockholm resulted in numerous scientific research studies. The current focus of the Laboratory for Radiology and Sonography is on research on the subject "cancerous diseases of pets".

The institute fulfills both its academic and educational duties by providing compulsory and elective subjects to the students.

The Laboratory for Radiology and Ultrasonography of the University of Life Sciences in Lublin did not only need a mobile X-ray solution but also decided on a direct digital upgrade of their existing stationary X-ray system.

Dr. Renata Komsta, head veterinarian at the Laboratory for Radiology and Sonography says:

"When looking for an upgrade system, OR Technology offered the largest product range with variable options for the specific procedures required in a laboratory (including research, diverse educational activities as well as radiological examinations for other veterinary institutions). Selecting a suitable detector, tailor-made for the laboratory's complex requirements, was one of the main criteria when choosing the system. The portable Varian Paxscan 4336R detector guarantees excellent image quality.



Further information is available under
www.or-technology.com

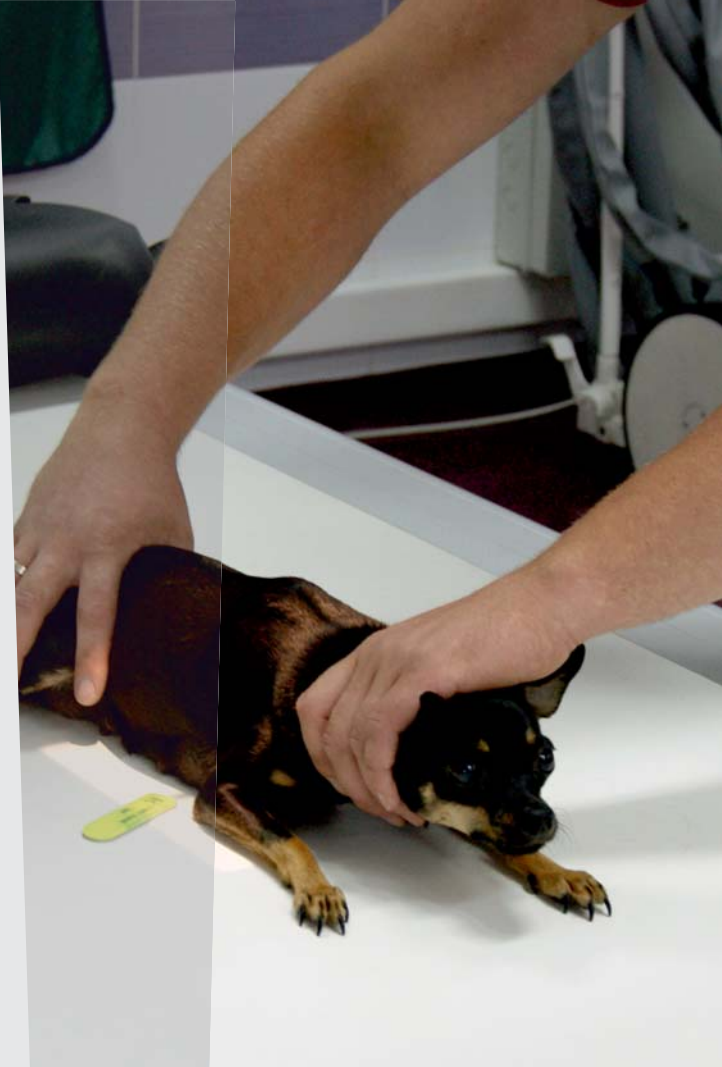
This also applies to images taken in non-standard positions, for example when X-raying a distal interphalangeal joint of a horse without using a table or wall stand.

Compared to analog technology, the new digital Medici system reduces the image acquisition time considerably. We are most content with the intuitive use of the *dicomPACS®DX-R* acquisition software. Planning and implementing an X-ray examination is very easy. In addition, the anatomy-based software facilitates the selection of the correct exposure parameters which can be adjusted with a few clicks, if required. The option to control the system by touchscreen is also very practical. The images are displayed on the monitor in excellent quality only a few seconds after they were taken.

The multimedia X-ray positioning guide is an extremely useful function which we often use for teaching purposes. The extensive instructions provided by the X-ray positioning guide help us demonstrate to the students how to prepare animals optimally for various types of X-ray examinations.

The *dicomPACS®DX-R* image management software ensures that all images are automatically filed and can be found easily. Using analog technology, archiving of images was not that easy and we often spent a long time looking for a specific image in the archive. Special measuring functions of the software (allowing length, angle and other measurements) as well as digital image quality are an enormous improvement to our diagnostic options, which is extremely beneficial to our research work.

We are highly content with the Medici DR system including the *dicomPACS®vet* software and we can recommend it without any reservations to all veterinarians."





Medici

Medici flat panel upgrade kit

Go digital –
upgrade your detector in a flash

DR Systems

Medici DR systems are available for nearly every X-ray unit manufactured. After choosing the appropriate make and size of wireless or tethered flat panel detector, the system can be configured according to your needs.

The *dicomPACS®DX-R* image acquisition software is easy to operate, has a touchscreen interface, improves workflow, and produces outstanding X-ray images. Naturally, Medici DR systems can be integrated with your practice management software and programmed to transfer X-ray images to an image management system (PACS).

Auto Exposure Detection (AED) means you no longer have to access the x-ray unit or make manual adjustments to the system. Just as easy to install as a CR system.

 **OR Technology**

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