

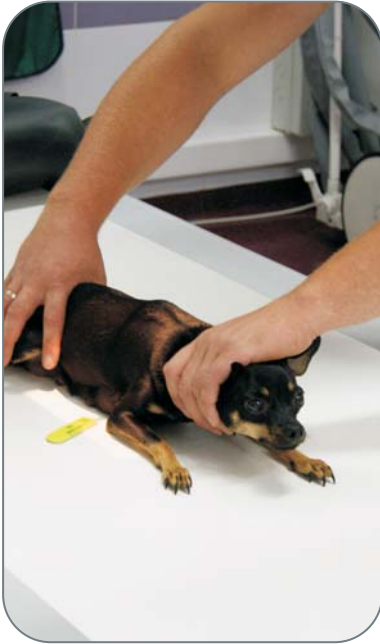
Reference



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



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. 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.”



Upgrading to digital made easy



Medici DR Systems *vet*

| with *dicomPACS*® *DX-R* Software

| DR Retrofit Systems for the Future

You know the problem: Your X-ray system is not even that old and works perfectly. Yet as a progressive doctor you would now like to create your X-ray images digitally and benefit from all the advantages of this technology.

CR systems are not an option for you since digitalisation with a flat panel (DR system) offers many additional advantages, mainly better image quality and hardly any servicing costs. Therefore you would like to extend your existing X-ray system by a flat panel system and are looking for a complete upgrade kit that is easy to install, easy to operate and provides X-ray images in a professional and reproducible quality.

Welcome to our Medici DR systems!

Medici DR systems are available for almost any existing X-ray system. Various makes and sizes of flat panels allow your system to be configured according to your needs. The *dicomPACS*® *DX-R* acquisition software can be operated intuitively via a touchscreen, adjusts to your work routine and provides X-ray images in a reproducible, extremely high quality.

Of course, all **Medici** DR systems can be integrated into your practice management software and transfer the X-ray images to an image management system (PACS). If you have not yet installed such an image management system but still require the images to be distributed within your practice or hospital, or to colleagues or patients via the internet - no problem: Our *dicomPACS*® image processing system will do just that.

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



OR Technology

| Digital X-ray and
| Imaging Solutions

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