

Reference

 | **Leonardo DR 1210P vet**
| with *dicomPACS® DX-R* Software
| Portable X-ray Systems for the Future

Veterinarian specializing in horses
in Reichenthal, Austria

Dr. med. vet. Bernhard Lischka



Dr. Bernhard Lischka has been a veterinarian specializing in horses for quite some time. The first two years he spent in South Africa. After having worked as owner and manager of a pharmaceutical company for several years, he has now been practising as a horse specialist again since May 2011.



Prior to that he collected information on the latest developments in mobile X-ray technology, for instance at the BEVA trade fair of the British Equine Veterinary Association. "Compared to other digital units, the **Leonardo** system provides the best image processing software," says Dr. Lischka to explain his decision to acquire the system by OR Technology.

The **Leonardo** system includes a direct radiography suitcase with a Samsung 1210P detector incorporating a caesium iodide surface. The notebook is delivered to the customer with the **dicomPACS® DX-R** image acquisition software pre-installed. The fact that the existing mobile X-ray generator is connected to the **Leonardo** suitcase by means of wireless technology is particularly practical.

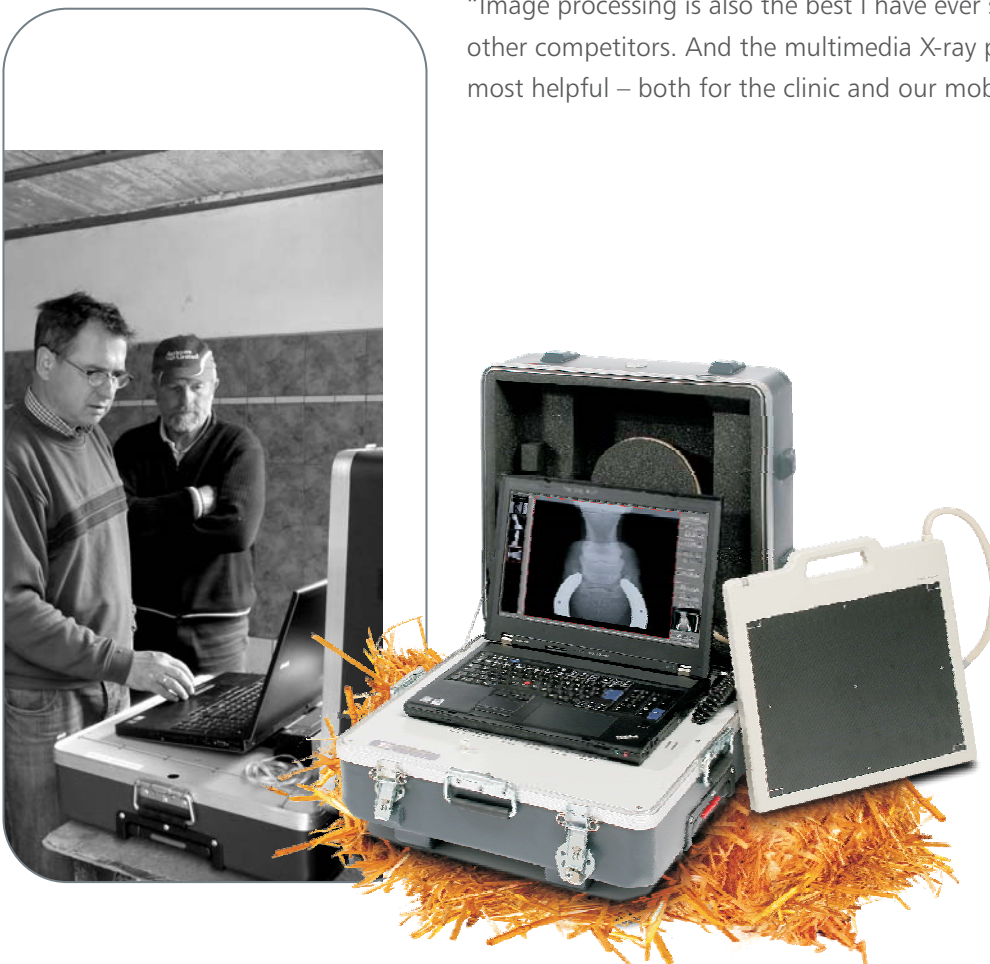
Massive time-saving benefits

“Looking at the digital image, I can immediately recognize whether an image is good and not blurred, for instance,” says Dr. Lischka. “The deliberate repetition of images, changing the angle in ambiguous situations for example, is a huge time-saving benefit because it saves us having to set a second date for repeat images. In emergencies I can immediately take appropriate action without losing precious time which could harm the horse.”

The **dicomPACS® DX-R** acquisition software also provides extended image processing – the Cognition Optimised Processing. Optimal contrast adjustment covering the entire image offers excellent detail recognition in soft body parts and bones.

Excellent detail recognition

“The image quality is very good. In fact, it is so good that I first had to get used to seeing details that I had never been able to see in analog X-ray images before”, says Dr. Lischka. “Image processing is also the best I have ever seen amongst other competitors. And the multimedia X-ray positioning guide is most helpful – both for the clinic and our mobile practice.”



LEONARDO DR 1210P_{vet} - Portable digital X-ray system with outstanding features



The compact suitcase solution **Leonardo DR 1210P_{vet}** is a fast and space saving alternative for ambulant digital radiography. With its extendable handle and integrated wheels the handy and robust suitcase is easy to handle and transport. Areas of application are mobile veterinary practices, equine clinics, universities and both large and small animal practices. An integrated 17" notebook with a very high resolution guarantees a qualitative good image viewing and image diagnosis. The integrated flat panel allows a high mobility because of its low weight. The panel only weighs 3.4 kg and is 22.5 mm thick. The created 14 bit images offer a high dynamic. The integrated CSI screen implements a high DQE performance and therefore enables an excellent image quality. Very fast working is possible with the flat panel. After approx. 4 seconds the 1210P is ready for use again.

Advantages of the Leonardo DR suitcase systems:

- **Very small** and robust thanks to special developed materials and excellent workmanship
- **Easy to transport**
- **Very light** - only 26 kg incl. flat panel, notebook and cables
- **Highest possible resolution** and diagnostic image quality by the large 17" display (at least 1,600 x 1,200 pixel)
- **Very quick** - only approx. 4 seconds wait for the image and just approx. 2 seconds before the next exposure can be taken

Further information you will find here: www.or-technology.com



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