

Reference



Veterinary practice „Piano Hill Vets“

Dr. Iris van Velsen and Dr. Teun van der Zwan
Whangarei, New Zealand



“Piano Hill Vets”, a practice owned by Dr. Iris van Velsen and Dr. Teun van der Zwan in Whangarei, New Zealand, has been operating for five years. Both veterinarians originally come from Holland and opened their practice on an old farm to the North of Auckland. Dr. van Velsen and Dr. van der Zwan decided to invest in a direct-digital X-ray system as a reliable instrument for diagnosis.



Dr. Iris van Velsen and Dr. Teun van der Zwan conducting an examination

The practice had not owned an X-ray system before, thus having to refer owners and their animals to other clinics. As they treat small animals as well as horses, both of them only considered acquiring a flexible mobile system.

“Since we treat animals in different locations, it was of great importance to us that the system be easy to transport” says Dr. Iris van Velsen. “The **Leonardo** system is safe and easy to handle so that we can use it both in the practice and in the adjoining stables for X-raying horses. The mobile digital X-ray system makes our work simple and efficient.”

“Piano Hills Vets” acquired a mobile 12” x 10” flat detector with CsI screen as well as a 17” laptop with the **dicomPACS® DX-R** image acquisition software. The X-ray system is housed in a suitcase on wheels for field use. **dicomPACS® vet** controls the entire image management in the practice.

Dr. van Velsen first worked with X-ray systems at a previous place of work. In retrospect, she can see a vast difference compared to her current X-ray system: “At that stage, X-ray imaging was analog. It used to take a very long time until an X-ray image was available, and the image quality often left a lot to be desired. That's why we insisted on a digital system for our practice. Now I am constantly amazed by how quickly an X-ray image is available. I am also very satisfied with the quality of the images.”



The “Piano Hill” practice shows that the **Leonardo** suitcase solution is an ideal X-ray system for veterinarians with on-site assignments. Since it is easy to master and adjust to the system it is optimally suited for veterinarians without any major experience in X-ray imaging.

“During the consultation phase and the ensuing installation of the **Leonardo** system, our interaction with the producer of the X-ray system (OR Technology) and with the local agent was very good. Cooperation works so well, that the distance of over 23,000 kilometers and the time difference of ten hours has now become a minor issue”, Dr. Iris van Velsen concludes.

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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