



KONICA MINOLTA

Konica Minolta Europe installs first ImagePilot!

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On March 17th, 2009 Konica Minolta Europe successfully installed the first ImagePilot in The Netherlands at the veterinary practice 'Dierenarts Nijhuis' in Assen. This is a practice in the northeast part of The Netherlands, with two vets, three assistants and over 2200 active patients. Since using ImagePilot, the vets have seen a significant increase in the amount of X-ray exams they perform. Due to the efficiency and performance of the ImagePilot CR system, taking an X-ray of patients during their initial visit is often a better option than prescribing medication and awaiting the outcome. This results in improved patient care through faster workflow and better image quality.



ImagePilot: all-in-one CR system

Image Pilot is a revolutionary new all-in-one CR system which simplifies digital radiography by combining a CR Console, Clinical Viewer and Image Storage into one user-friendly interface. These advanced features of ImagePilot eliminate the need for a separate PACS and separate viewing station.

It is equipped with a wide range of functions such as Patient Information, receipt, exposed image acquisition and image input/output. Studies can easily be copied to CD to share with a colleague for consultation or to give to the animal's owner. The CD will also contain a PDI viewer for the user to adjust the image themselves if necessary. A diagnostic report tool is provided in ImagePilot to create a paper report of the X-ray exam should this be required. ImagePilot also supports multiple modality image receive/display, such as CT, MRI and ultrasound.



Registration

Viewer

Image Storage



Imaging Station

AutoPilot: one-click image acquisition

The AutoPilot image processing software provides the best possible image every time, without having to use exam tags. It creates high quality images without the need to select animal type, body part or size.

The image displayed can be manipulated by adjusting contrast and density via window and leveling tools. This allows soft tissue and bone to be displayed on the same image. Small structures can be magnified to display possible abnormalities.

Each processing tool is designed to make image diagnosis easier.

Improved patient care through better image quality and faster workflow at a lower dose

The image acquisition at 'Dierenarts Nijhuis' was previously done using a conventional film-screen system. This was a time consuming procedure, demanding a higher dose and requiring environmentally harmful chemicals.

With ImagePilot, repeat examinations because of improper exposure factors, are now almost eliminated due to the wide dynamic range of the CR system. One of the major benefits is that this results in a lower dose for both patient and operator.

After the installation of ImagePilot with the Regius 110 CR reader the number of exams performed has almost tripled. A reason for this is that with ImagePilot CR the X-ray exams take a lot less time. Instead of having to schedule a separate appointment for an X-ray examination, the patient can now be X-rayed during their first appointment. This saves valuable time, is less intrusive for the patient and will often result in a quicker diagnosis.

The practice's ultrasound machine can also be connected to ImagePilot to store the images on the database and keep all acquired medical images stored on the same Image Storage system.



After installation, vet Abe Nijhuis immediately started working with his new digital imaging system, using the practice's existing X-ray equipment. He simply uses the CR cassettes instead of film cassettes.

Abe Nijhuis: 'I didn't even have to open the manual; ImagePilot is an intuitive system and has a very user-friendly interface. The instruction by Konica Minolta's application specialist was excellent.'

The support from the Konica Minolta team has been highly appreciated and Abe Nijhuis recommends ImagePilot to anyone who is looking for an efficient all-in-one solution to convert their veterinary practice to digital radiography.