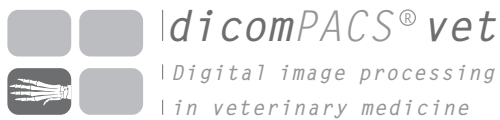




Digital image processing with *dicomPACS[®]vet*



Doggone great!



One of the most modern and high quality image processing systems in veterinary medicine.

With **dicomPACS®vet**, you can make paperless veterinary medicine a reality.

Any images (X-rays, CT, MRI, ultrasound, endoscopy, digital camera etc.) as well as any type of document (diagnostic findings, patient histories, faxes) are stored in a digital patient file by means of **dicomPACS®vet** and can be accessed immediately by a mouse click.

Our well thought-out archive and backup solutions will guarantee you fast access to all data, observing the highest security standards in accordance with the relevant international guidelines in the field of human medicine. **dicomPACS®vet** may also be integrated easily into all common administration systems.

dicomPACS®vet software includes the acquisition, processing, transfer and archiving of image material.

Since the software was designed and developed in close cooperation with specialist doctors, it will provide you with an easy to operate, well thought out instrument for daily diagnoses.

Boasting more than 5,000 installed workstations on a national and international level, the system has proven itself over and over again.

dicomPACS®vet manages simple image processing requirements just as efficiently and excellently as complex radiological networks (PACS).

dicomPACS®vet Special solutions

- **Prosthesis documentation module** - enables the user to plan operations with digital prosthesis templates from one or more producers
- **Statistics module** - enables the user to analyse the complete database, freely configurable
- **Video module** - allows single image and video sequence recording of standard video signals
- **Web server** - allows image distribution (to referring doctors) via the internet and guarantees very fast image accessibility in original quality (DICOM)
- **Processing of CT and MRI series - dicomPACS®vet** includes professional tools such as MPR and MIP to evaluate CT and MRI series
- **dicomPACS®vet HD tool** - a single click inserts all relevant lines and angles for HD measuring in dogs into the image in any desired position
- **Image filters** - ensure, for instance, that bone structures in thick soft tissue are displayed optimally



dicomPACS[®] vet

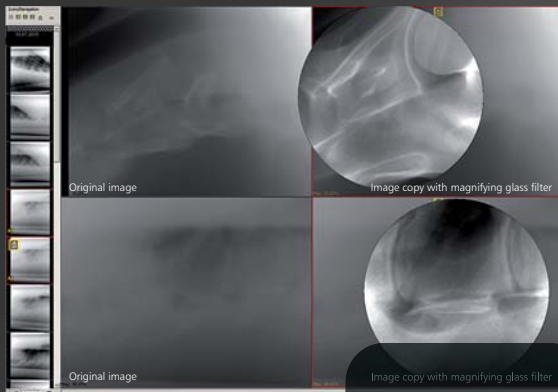
Diagnostic software

- full functionality of diagnostic software for all workstations in your practice (no "light" version)
- user friendly, clearly laid out structure, relatively little training required, short familiarisation periods
- individual customisation of the user surface to your subject area and requirements
- flexible allocation of short cut keys for many functions enabling the user to work fast without a mouse
- parallel processing (possibility of continuing work while, e.g., a CD is being burnt)
- permanent online availability of all images and data in the network - no necessity to store old images on CD
- "perfect memory" - repeated opening of an image with all previous markings and settings, incl. zoom and alignment
- parallel diagnosis of several patients is possible by opening any number of programme windows without loss of speed (depending on the size of RAM)
- import of any external documents (no additional module required)
- installation under Windows, UNIX, LINUX or Apple Macintosh
- optimal data security, speed and compatibility due to standardised SQL database technology
- all images and documents are stored in the international DICOM standard



Screens

Magnifying glass with filter



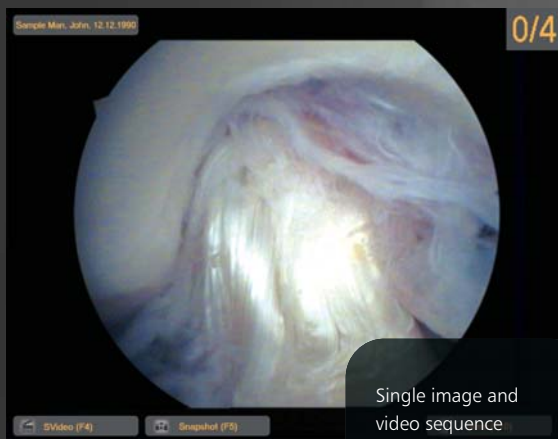
For optimised display of bone structures in thick soft tissue

HD measuring in dogs



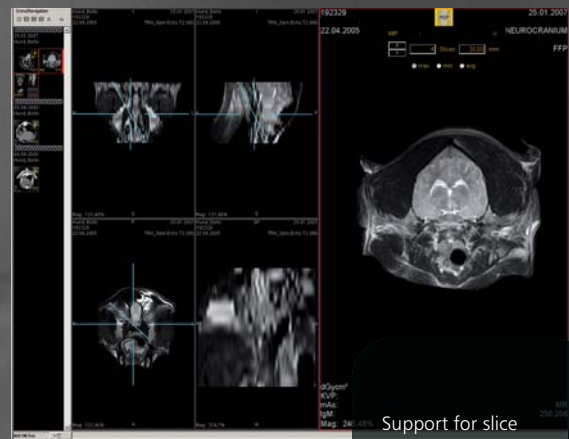
Insertion of all relevant lines and angles with a click

Video module



Single image and video sequence recording of standard video signals

Processing of CT and MRI series



Support for slice image functions such as MIP and MPR

Prosthesis documentation module



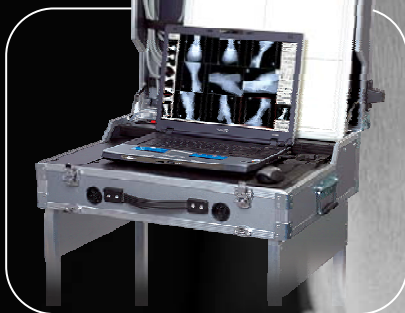
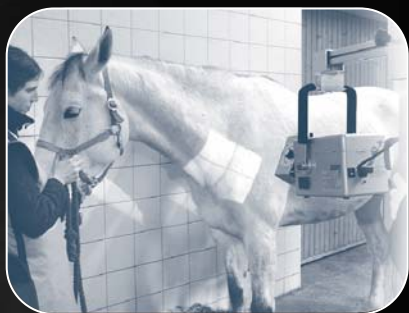
Insertion of the template as an overlay on the X-ray image

Web viewer



Fast and economical access to archived images and diagnosis via internet or intranet

Solutions



- portable digital X-ray facilities with DR systems (suitcase solutions)

- mobile digital X-ray facilities with DR and CR systems (installation in vehicles)

- stationary digital X-ray facilities and accessories

- mobile / stationary high frequency X-ray equipment from 6,500 g

- lightweight stands, vehicle stands, thorax stands, X-ray tables



Product portfolio



Digital image processing with *dicomPACS*[®] *vet*



Extensive additional solutions and modules

[Report module, statistics module, telemedicine modules, video module, fax module, patient CD module, backup etc.]



Special features for veterinary medicine

[Prosthesis documentation, hip dysplasia measurements for dogs, special filters]



Web server for internal or external (referring doctors) image distribution

[Images always available in their original quality, simple operation, several web servers possible, only modest hardware requirements, multilingual]



dicomARCHIV[®] *vet* - video and document archiving

[For your paperless veterinary practice or clinic if you do not require digital X-ray]

Digital X-ray and accessories



Computed radiography and direct radiography

[Stationary and portable solutions for digital X-ray with CR and DR systems]



Mobile digital X-ray with CR systems (vehicle installation)

[Mobile veterinary practice in a vehicle, with current imaging technology incl. small X-ray generator and digital CR or DR system]



Portable digital X-ray with DR systems (suitcase system)

[Mobile suitcase solution in robust aluminium casing - one of the lightest systems available worldwide, quick and easy to use, immediate archiving]



Stationary digital X-ray and accessories

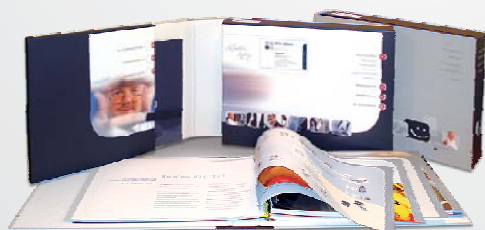
[X-ray tables with accessories, integration with various DR detectors, wall arms for various HF X-ray systems]

Conventional X-ray and accessories



Portable X-ray equipment and accessories

[High-frequency X-ray units from 6,500 g with full-bridge inverter system - optionally with anatomical program, stands for X-ray units and trolley stand cassette holder]



Ask for our extensive product information binder incl. the complete product portfolio in a high quality slipcase free of charge and without obligation.

Info hotline: +49 381 - 20 36 126



OR Technology

Digital X-ray and
Imaging Solutions

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