Digital Image Processing with DragonflyPACS®

The Smarter PACS
The smartest image processing system in veterinary medicine.

- **Outstanding image quality that’s compliant with DICOM 3.0 standards.**
- **Compatible with a variety of equipment and images, accessed from any computer in your practice.**
- **User-friendly, with advanced tools for magnification, measurement, manipulation, and more.**
- **Works with AVImark.**

Designed in close cooperation with doctors and specialists, **DragonflyPACS** is an easy-to-use tool for viewing, transferring, and archiving images. Any image from any device (x-rays, CT, MRI, ultrasound, endoscopy, digital camera) and any type of document (diagnostic findings, patient histories, faxes) can be stored in a **DragonflyPACS** digital file and accessed immediately by a mouse click.

The technology behind **DragonflyPACS**, created in Germany by OR Technology, has proven itself in more than 5,000 workstations around the world. McAllister Software Systems has partnered with OR Technology to bring this cutting-edge PACS system to the U.S. veterinary market – and we’ve created a smooth integration with AVImark, so you can request, receive, view, and store images right from the Client Information Display.

The result is **DragonflyPACS** – the smartest image processing system in veterinary medicine.
DragonflyPACS

- Full functionality of diagnostic software for all workstations in your practice
- Easy to learn, user-friendly structure, with very little training required
- Customize the user interface to your subject area and requirements
- Flexible allocation of shortcut keys for many functions, so you can work quickly, without a mouse
- Parallel processing, so you can continue to work in DragonflyPACS while burning a CD or completing other tasks
- Diagnose multiple patients simultaneously by opening new windows, without loss of speed (depending on the size of RAM)
- Permanently store all images and data online, without the need for CD backup
- Retain all image markings and settings from previous views, with perfect memory
- Import any external documents (no extra modules required)
- Optimal data security, speed, and compatibility due to standardized SQL database technology
- Stores all images and documents in the international DICOM 3.0 standard
Capabilities

**Magnifying glass with filter**
For optimized display of bone structures in thick soft tissue

**HD measuring in canines**
Insert all relevant lines and angles with a single 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**
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
**Modality Setup**

Dragonfly works with multiple modalities, from biomagnetic imaging to x-ray angiography. This modality maintenance window allows you to set up all equipment used by your practice.

**Configuring Treatments**

Easily add radiography shot requests to existing treatments, or create a new treatment. AVImark allows you to have multiple shot requests within a single treatment.

**Viewing Images and Checking Request Status**

View the status of any shot request, view shots taken, and manage shot status from within AVImark.

**Capturing Additional Shots**

When shots are taken that were not included in an AVImark request, you can include these images in the patient’s medical history by making additional entries. This helps you easily track all shots associated with patients – and reduce missed charges.

**Sending E-mails**

Save time by sending DICOM images directly from AVImark via DICOM send, email, the Internet, CD/DVD, or USB.
Additional Capabilities

Vertebral Heart Score (VHS) of Buchanan

Measure heart size to body size using mid-thoracic vertebrae as units of measure

TPLO (Tibial Plateau Leveling Osteotomy)

Helps determine the existing slope of the tibial plateau and its theoretical optimization

Notes:

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