Agfa HealthCare

Digital Imaging for Veterinary Medicine
CR Technology for Veterinary Imaging
Fast, Versatile, and Affordable

Agfa HealthCare can help your veterinary practice navigate the complicated maze of digital imaging systems. Our history with imaging started in the late 1800s with film-based radiology technology. As imaging technology and animal care evolved over the next 100 years, we’ve helped more and more veterinary practices meet their imaging needs.

Now, as veterinary practices begin to convert from film-based to digital imaging, Agfa HealthCare is there. Our solutions have been customized to let you maximize your veterinary practice imaging workflow and meet the specific needs of animal care in your practice. More than 1,400 of our digital solutions are installed at zoos, veterinary schools, and veterinary practices, including multi-site facilities and small group practices.

Agfa HealthCare’s computed radiography (CR) technology is an affordable way for veterinary practices to transition to digital imaging. Our CR solutions are compatible with nearly all existing X-ray systems, which means your practice can go digital without significant additional investments and workflow adaptations. Workflow is similar to that of film-based systems. Instead of film, CR captures images with cassette-based phosphor imaging plates, which are then placed in a CR reader/digitizer that generates a high-quality digital image in seconds.

Agfa HealthCare’s CR systems have a modular, component-based design, including versatile tabletop digitizers, advanced image processing technology, and user-friendly workstation software. We also offer an image viewer that can be installed on multiple PCs for sharing images, and a robust archiving and distribution solution designed for the volume of imaging experienced by typical veterinary practices.

Digital vs. Analog
Speak with an Agfa Healthcare representative to discover how digital can:

- Display greater detail to let you produce more exact diagnoses.
- Be electronically manipulated to adjust contrast and brightness in areas of the image that are difficult to read.
- Deliver more consistency than analog images since digital image processing can better compensate for incorrect exposure.
- Eliminate cost of film, chemicals, processor maintenance, and other analog supplies.
- Reduce radiation exposure to staff and patients because of lower repeat rates due to the decrease in exposure errors and processing artifacts.
- Allow improvements with imaging workflow.
- Eliminate darkroom and film storage space and costs, as well as lost films.
- Enable veterinary practices to be more environmentally friendly by eliminating harsh processing chemicals and using ultra-low power consumption technology.
**Versatile Tabletop Digitizer**

Agfa HealthCare’s CR systems include a highly versatile digitizer that is designed for ease of use. The tabletop unit reads imaging plates at high resolution of 10 pixels/mm for all image plate sizes. Horizontal plate transport and the small footprint allows for placement in any location, even where floor space is limited.

**User-Friendly Workstation Software and Advanced Image Processing Technology**

Using a touch screen or mouse, the Agfa HealthCare workstation allows you to easily meet your workflow needs. Only two steps are needed to create a patient file and acquire digital images. Study information is entered in the worklist. The user then selects the exam and is ready for acquisition and ID.

Digital images can be available quickly with “Fast Preview” and Image Processing is automatically applied to the images to optimize them for reading and interpretation. “Fast Preview” allows confirmation of correct positioning and exposure levels within seconds, even while the final image is being processed. The image can then be viewed in full screen mode with pan and zoom functions for more detailed analysis.

**Robust Archiving and Distribution**

The average veterinary practice processes about 6,000 medical images each year. Agfa HealthCare’s Small Enterprise Picture Archiving and Communication System (PACS) is an ideal archiving and distribution solution for these practices, as it can store up to 42,000 images. This allows the practice to store all images for a period of seven years – with plenty of opportunity to call up exams for comparison when needed. Veterinarians can also share digital images with colleagues, for example, to get a second opinion from a specialist.

MUSICA² technology automatically analyzes each image and applies the appropriate image enhancement to create consistently high quality images on every exposure. MUSICA² produces outstanding sharpness and contrast in the fine details, for both soft tissue and bone, reducing the need for manual adjustments. This results in superb image quality, which can lead to faster diagnosis, shorter examination times, and quicker patient turnaround.

**Image Viewer**

Office Viewer software [optional] allows veterinarians to show and review images with pet owners. We developed Office Viewer for small practices that operate without a PACS or web image distribution capabilities. It can be easily installed on any networked PC in the office. Up to six client workstations can be connected; three can run simultaneously.
Discover Agfa HealthCare

Agfa HealthCare, a member of the Agfa-Gevaert Group, is a leading global provider of diagnostic imaging and healthcare IT solutions. The company has nearly a century of healthcare experience and has been a pioneer on the healthcare IT market since the early 1990's. Today Agfa HealthCare designs, develops and delivers state-of-the-art systems for capturing, managing and processing diagnostic images and clinical/administrative information for hospitals and healthcare facilities, as well as contrast media solutions to enable effective medical imaging results.

For more information on Agfa HealthCare, please visit www.agfahealthcare.com