AGFA
RADIOLOGX
SOLUTIONS

OrthoGon Vet for veterinary applications

Guided measurement tool embedded in the MUSICA® Workstation

AGFA

OrthoGon Vet is a specialized tool integrated into your MUSICA® Workstation to assist with complex orthopedic veterinary measurements. It provides easy-to-use, interactive 2D measurement schemes that enable you to analyze anatomy and pathology for small animals and equines.

With OrthoGon, you can quickly perform standard measurements, compare them to prior measurements, and benchmark them against normative values. This gives you greater confidence in diagnosing orthopedic disorders and deformities.

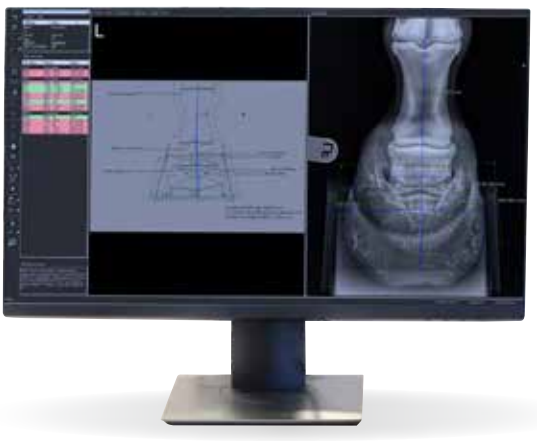
Results can be saved as images and proprietary records in your PACS, printed as reports, or exported for further processing.

AGFA RADIOLOGY SOLUTIONS

OrthoGon Vet for small animals

OrthoGon Vet for small animals is a high-quality, dedicated measurement tool designed to meet veterinarians' needs for companion animal care. It is available for both canine and feline measurements, including:

- **Vertebral Heart Score (VHS):**
  Measures the relative heart size on a laterolateral chest view, by totaling the long and short axis of the cardiac silhouette and scaled against the thoracic vertebral column.
- **Pelvis Norberg Angle / HD:**
  The Norberg Angle is measured on a standard ventrodorsal hip extended (SVD) radiograph and is used as a criterion for hip joint laxity. A normal value of the Norberg angle is > 105°.
- **Dorsal Acetabular Rim (DAR) angle:**
  The angle of inclination of the dorsal acetabular rim is determined by the intersection of a line perpendicular to the sagittal plane at the level of the center of the femoral heads and the tangent to the dorsal acetabular rim at the most lateral point of contact between the head of the femur and the dorsal acetabular rim.
  In normal patients, this angle is < 7.5 °
- **Stifle TPLO - Tibial Plateau Leveling Osteotomy, TPA for measurement:**
  The Tibial Plateau Angle (TPA) is measured on a specific mediolateral view of the stifle and is the angle formed between the medial aspect of the tibial plateau and a line perpendicular to the mechanical axis of the tibia. The TPA angle is used in pre-operative planning and/or in surgical decision making for stifle osteotomy techniques.
- **Stifle TTA - Tibial Tuberosity Advancement, PTA for measurement:**
  The Patellar tendon Tibial plateau Angle (PTA) is the angle between the patellar tendon and the tibial plateau. Stifle osteotomy techniques strive to reach a PTA of approximately 90°.



OrthoGon Vet for equines

OrthoGon Vet for equines is part of Agfa's range of high-quality, dedicated solutions designed to meet the specific needs of equine care. OrthoGon is available for equine measurements including:

- **Hoof angles:**
  Dorsopalmar measurements provide veterinarians with a complete profile of hoof alignment and balance. From toe length to sole depth and heel height, these measurements support precise trimming adjustments that enhance breakover, maintain proper angles, and promote even weight distribution. Built on foundational research, these insights help veterinarians optimize hoof health, stability, and overall performance.
- **Hoof distances:**
  With precision hoof health measurements rooted in research, this feature enables veterinarians to assess key parameters such as hoof wall thickness, palmar angle, sole depth, and breakover distance in lateromedial X-rays. By referencing established standards, veterinarians can track the effects of trimming on hoof balance, supporting tailored care that promotes soundness and optimal performance.
- **Hoof angles & distances:**
  Provides tools for assessing essential lateromedial distances and angles in the front leg hoof. By measuring the alignment and orientation of structures like the coffin bone, hoof pastern axis, and navicular bone, veterinarians can evaluate hoof health and the impact of trimming on balance and stability.

AGFA
RADIOLOGX
SOLUTIONS

Follow us:

agfa.com » Septestraat 27 - 2640 Mortsel - Belgium

P1931 EN 00202412

AGFA