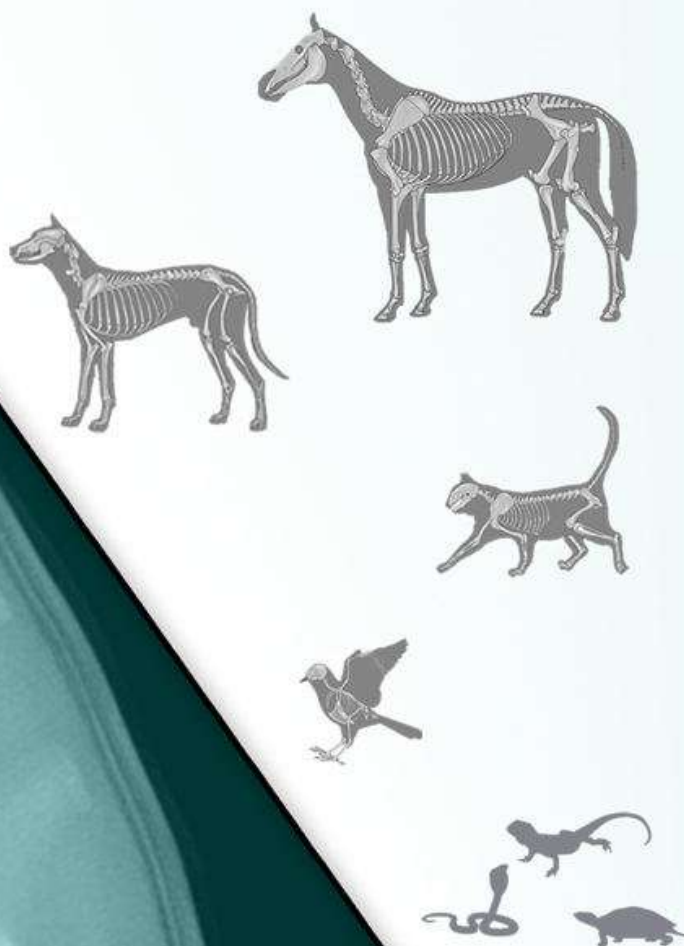


VXvUE

Acquisition and post
processing software



Software VxVue

The VxVue acquisition and post-processing software for veterinary use was developed to meet the need of providing veterinary clinics and practices with a highly efficient and intuitive tool. VxVue is based on programming originally designed for human medical applications, enhanced with specific post-processing algorithms tailored for veterinary radiological imaging.

VxVue software stands out from competitors due to its comprehensive range of available features and the high quality of the processed images. It is available with various modules dedicated to different types of patients, from horses to exotic animals, thus covering the entire spectrum of veterinary patients.

Examining Veterinarian's Approach

Veterinarians need a product that combines speed, simplicity, and cost-effectiveness.

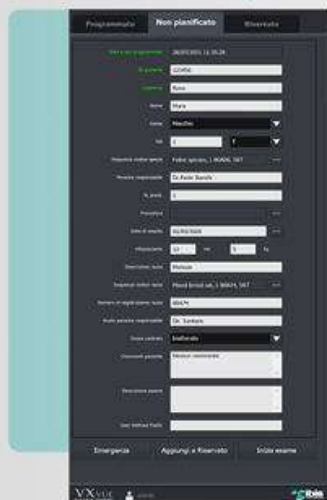
VxVue software meets all these requirements, as it remains highly responsive in daily use despite its numerous acquisition and post-processing features.

The advanced functionalities, included in all provided versions, allow for more in-depth analysis of the acquired studies, offering the examining veterinarian a tool capable of significantly enhancing diagnostic quality—benefiting both their professional work and the health of their patients.

Acquisition Process

The stages of the acquisition process are clearly defined thanks to the program tabs, which guide the operator through the correct sequence. The examination begins with patient registration, proceeds through post-processing, and concludes with the transfer of images to the PACS or to an external medium to be delivered to the client.

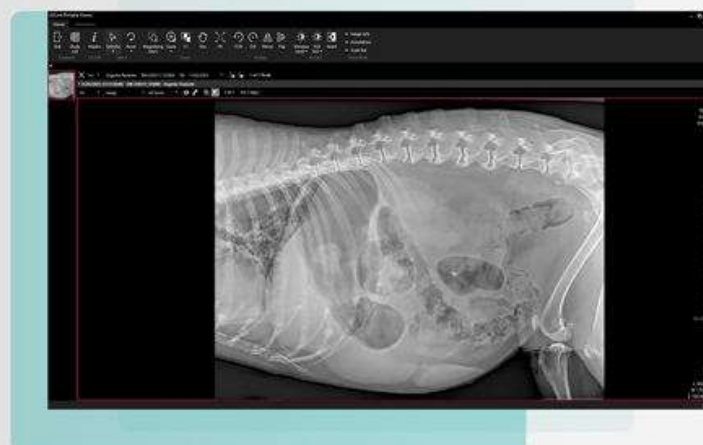
Patient Data
Registration



Radiological Image
Acquisition



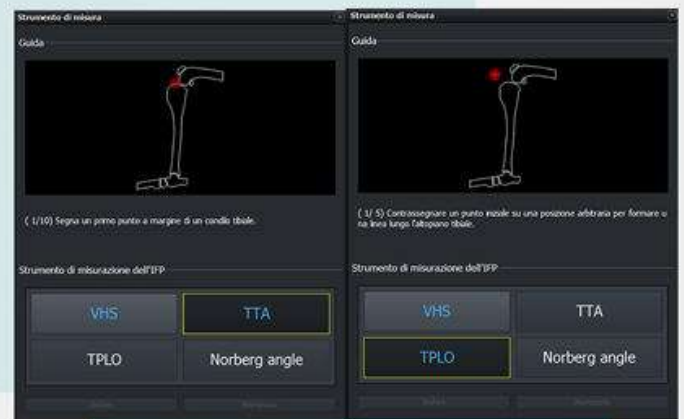
Export or Transfer to
PACS



Section for Special Examinations for Companion Animals

VxVue software supports the user in performing special veterinary measurements by guiding them step-by-step through the positioning process and automatically providing the final data.

The automatic measurements include: TTA, TPLO, VHS, Norberg angle, and hip distraction index.



Interface Customization

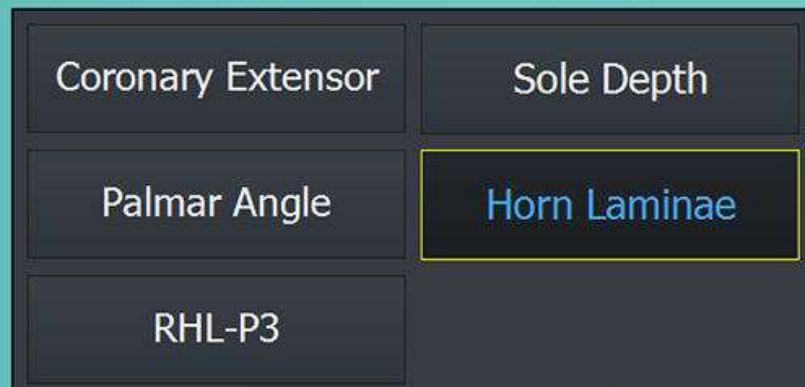
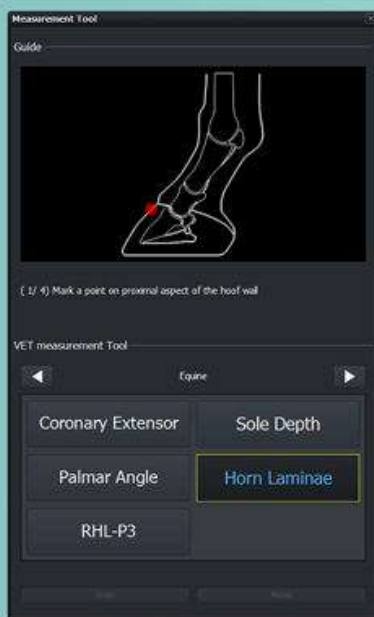
The user is free to keep the most frequently used functions in the foreground, resulting in a clean and immediately accessible interface.

All features are available both during image acquisition and in the post-processing phase.



Section for Special Examinations (Equine Medicine)

VxVue software supports the user in performing special measurements specific to equine medicine by guiding them step-by-step through the positioning process and automatically providing the final data.



AI in the Clinical Evaluation Process



Thanks to artificial intelligence, the examining veterinarian can now be supported by numerous features that help identify the patient's pathologies. Here are some of the conditions that can be analyzed using AI⁽¹⁾:

DOGS



MSK (Musculoskeletal Pathologies)

- Medial Patellar Luxation
- Subluxation
- Infra-Patellar Fat Pad Loss
- Osteophyte a Enthesophyte
- Fascial Plane Deviation
- Fractures
- Popliteal Lymph Node Enlargement

Thoracic Pathologies

- Generalized cardiomegaly
- Left atrial enlargement
- Diffuse parenchymal pattern
- Bronchial pattern
- Cranioventral parenchymal pattern
- Caudodorsal parenchymal pattern
- Thoracic mass
- Mediastinal shift
- Tracheal collapse
- Pleural effusion

Abdominal Pathologies

- Gastric dilation
- Gastric foreign body
- Small intestine dilation
- Choleliths / hepatoliths
- Hepatomegaly
- Microhepatia
- Splenomegaly
- Renal calculi
- Urinary bladder stones
- Urethral stones
- Prostatomegaly
- Uterine distension
- Reduced serosal detail
- Abdominal mass
- Abdominal wall mass

CATS



Thoracic Pathologies

- Left atrial enlargement
- Parenchymal pattern
- Bronchial pattern
- Cranial mediastinal mass
- Pleural effusion

Abdominal Pathologies

- Gastric foreign body
- Small intestine dilation
- Hepatomegaly
- Renal calculi
- Urinary bladder stones
- Reduced serosal detail
- Peritoneal effusion

Automatic VHS Measurement

Available for dogs and cats



Accuracy of AI Assessments

DOGS



MSK	86%
Thoracic Pathologies	88%
Abdominal Pathologies	94%

CATS



Thoracic Pathologies	86%
Abdominal Pathologies	86%
AUTO VHS (Dogs and Cats)	97%

(1) The artificial intelligence used for these diagnoses should be considered solely as a support tool for analysis; additional tests must be taken into account before making a final diagnosis.

What We Offer:

Easily Integrable into Your Clinic:

Can be integrated with any existing radiology system.

Customizable Interface:

The interface can be tailored to the user's specific needs.

High-Quality Image Processing Algorithms:

Uses advanced algorithms to ensure maximum image quality.

DICOM Standard Compliance:

Fully compliant with DICOM standards for interoperability.

Easy Export:

Studies can be easily exported to CD, DVD, USB, or local network.

Real-Time Post-Processing:

Enables real-time image post-processing.

Artificial Intelligence:

Options available to activate AI support for diagnostics.

