

One Imaging Platform, Vast Applications

Diagnostic  
Interventional  
Intraoperative

Quality  
Efficiency  
ROI

# PEGASO

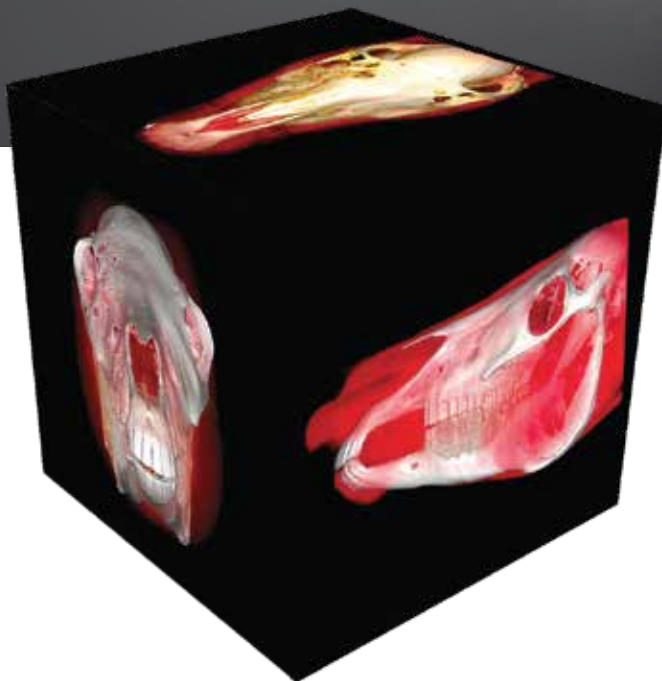
## Evolution

Safer, Innovative Imaging With More Applications



**E P i C A**  
ANIMAL HEALTH

High Definition Volumetric Imaging,  
Digital Radiography **and** Fluoroscopy



Highest Resolution Clinical 3D Imaging  
Consistent Resolution From Every Angle  
3D Pixels - Isotropic Voxels | No Interpolation  
Equivalent Contrast To Conventional CT  
Dynamic Fluoroscopic Studies

REVOLUTIONIZE YOUR

**PRACTICE**

## HDVI

### Pegaso™ Evolution Image Quality

High Definition Volumetric Imaging is a major innovation in Computed Tomography. It is executed by creating a 3-dimensional map of densities in the scan area with isotropic voxels that have equal resolution in all planes. Unlike standard CT systems, Epica's Pegaso™ Evolution utilizes non-interpolated data which represents the anatomy exactly as it is. Standard CT systems utilize interpolated data which is the outcome of computational approximations needed to fill gaps in data. Pegaso™ Evolution HDVI technology provides clearer, higher accuracy visualizations of anatomy and lesions not previously possible in diagnostic imaging.

## Practice Efficiency

### Pegaso™ Evolution Workflow

High Definition Volumetric Imaging allows you to view an array of conditions that radiographs, ultrasounds, conventional CT and even MRI can miss.

In many practices Epica™ HDVI has become the primary imaging modality because Pegaso™ Evolution is safe, simple, accurate and fast. Our platform provides greater diagnostic confidence and greater efficiency.

## Design

### Pegaso™ Evolution Veterinary Tool

Pegaso™ Evolution was designed as a tool for Veterinary Clinicians to truly understand their patients in real time. Delivering images that look exactly like the morphology is key to understanding pathology and supporting client explanations.

# EPICA

ANIMAL HEALTH

## HDVI (High-Definition Volumetric Imaging)

is a new, proprietary and patented imaging technology, similar to CT (Computed Tomography) that provides unprecedented diagnostic and interventional information for clinicians. Epica HDVI is also capable of producing calibrated HU (Hounsfield Units) as used by radiologists to quantitatively measure density.

**HDVI Technology** produces incredibly detailed 3D images of your patient's anatomy with resolution as high as 0.09mm (about the thickness of a human hair). Clinicians can see the data in any angle, thickness or orientation resulting in superior diagnostic and interventional confidence.

## Three Modalities

### One Robust Pegaso™ Evolution Platform

Pegaso™ Evolution offers onboard Fluoroscopy, Digital Radiography and HDVI 3D Imaging plus a comprehensive set of the most advanced interventional imaging tools available. Users can seamlessly switch from one modality to the next, without losing settings or time.

The compact and mobile design has revolutionized imaging by offering some of the most advanced diagnostic and interventional capabilities available at an attractive total cost of ownership. Pegaso™ Evolution is breaking down the traditional barriers to entry associated with advanced imaging system purchases.

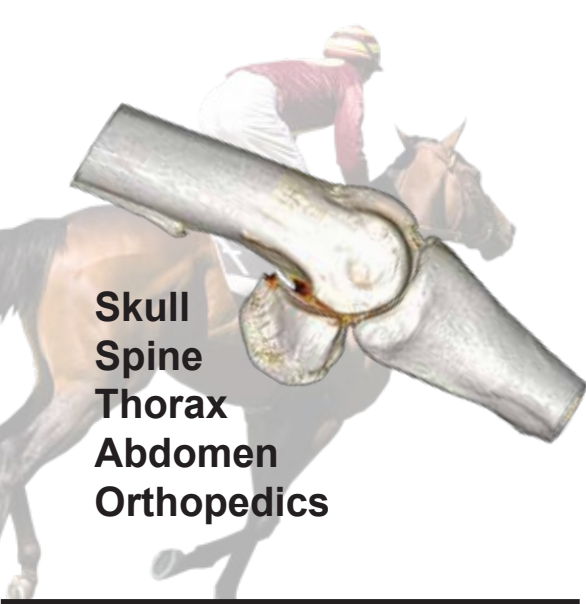
With Pegaso™ Evolution you can provide a higher level of care to your patients, increase client retention, and expand your practice's abilities and revenue.

## Fluoroscopy

### Pegaso™ Evolution Applications



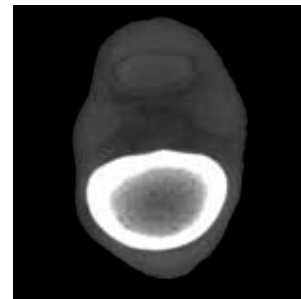
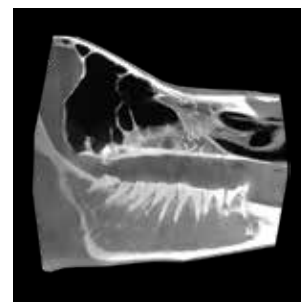
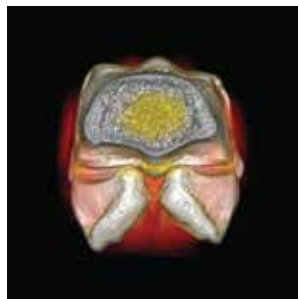
- Swallowing Disorders such as Strictures
- Collapsing Trachea
- Motility Problems of the Stomach and Intestines
- Flow of Blood through Abnormal Vessels
- Interventional Procedures



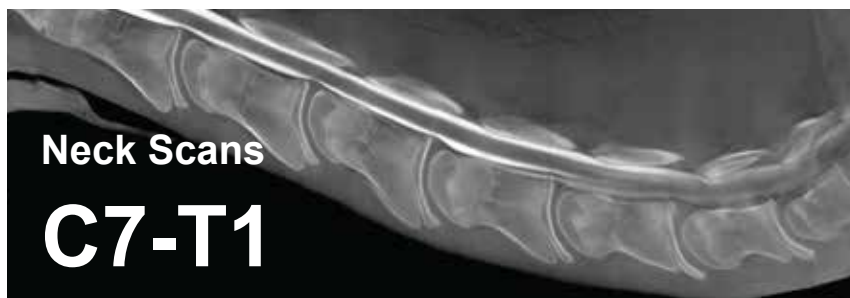
Oncology    Angiography    Foreign Bodies  
Urology    Myelography    Dentistry  
Trauma    Arthrography    Airway  
Aural



Fits Into Your Practice  
Minimal Room Requirements  
Overall Lower Cost Of Ownership  
High Volume Of Applicable Cases  
Utilizes Low Radiation



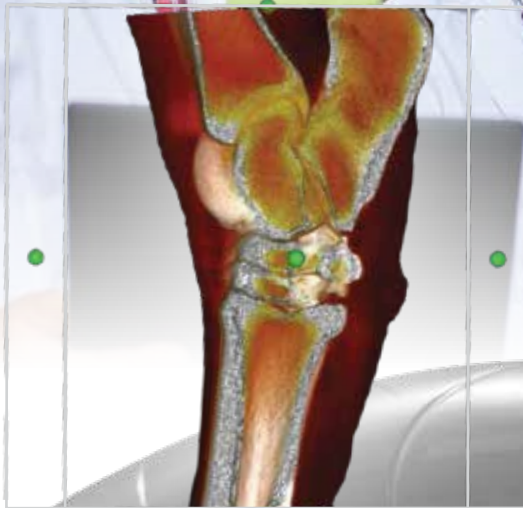
In addition to providing better diagnostic confidence, Pegaso™ Evolution imaging platforms use considerably less radiation than standard CT, making it a safer option for practitioners and their animal patients. With Pegaso™ Evolution you can practice better, safer medicine.



**Neck Scans  
C7-T1**

Equine Imaging Will Never Be the Same

3D images provide Veterinarians with a collaboration **and** communication tool that helps a horse owner to better understand their horse's condition and help them make faster, more informed treatment decisions.



# HDVI

Pegaso™ Evolution Versatility

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San Clemente, CA 92673

- ☐ Gantry tilt to 15 degrees
- ☐ Massive 1.2 meter gantry
- ☐ Variable geometry gantry (1.1m to 0.8m source detector)
- ☐ Optimizes image quality for any part of the horse
- ☐ Auto-corrects for standing head & neck movement up to 10cm
- ☐ Spatial resolution with isotropic voxels as high as 0.09mm
- ☐ Designed to keep the horse safe and calm