# Dedicated Veterinary MRI Solutions

When radiographs or ultrasounds are inconclusive, but the area of pain is well defined, an MRI will provide the necessary information. Equine Specialty Hospital has a state-of-the-art MRI scanner specifically designed for imaging the foot, pastern, fetlock, and carpus.

MRI is the standard of excellence recognized worldwide as the correct way to scan anatomy without compromising image quality. The O-scan Equine covers imaging of the equine foot, pastern, fetlock, high suspensory, carpus, and tarsus regions of the equine limb.

The O-scan Equine is the ideal cost-effective MRI that can clearly distinguish between bone edema, ligaments or tendons. This will ensure accurate imaging, excellent contrast resolution, and image quality essential for an optimal diagnosis.

Our MRI unit requires that the horse be anesthetized for approximately 60-90 minutes. General anesthesia minimizes movement that could distort the image quality and decrease the information obtained during the MRI scan. During anesthesia, the horse's heart, breathing and blood pressure are closely monitored throughout the MRI scan. Intravenous fluids are administered, and the horse is supported on a thick foam cushion to prevent any damage to muscle tissue.

Following completion of the scan, the images are sent electronically to a board-certified veterinary radiologist specially trained in equine MRI interpretation. Results are typically available within 24-36 hours.

Appropriate therapy for your horse's specific problem can then be recommended and implemented.


## Why Would I Need An MRI?

- MRI evaluation is the only way to image soft tissue within the hoof capsule.
- The new MRI system decreases the scan time by 1/2 compared to the previous unit.
- An accurate prognosis can be provided using the information obtained from the MRI evaluation.

EquineSpecialtyHospital.com
For questions or to schedule an appointment, call (440) 834-0811
Equine Specialty Hospital | 17434 Rapids Rd. | Burton, OH 44021

Equine Specialty Hospital

## Unique advantages for you

Esaote's product development efforts have been highly focused on optimizing the features, performance and image quality of its MRI systems. Technology sums up to faster overall system response thanks to a number of sophisticated MRI software techniques, designed around the new concept of parallel computing. eXP will substantially improve the MRI examination by reducing scan times and improving image quality.

### Premium Image Quality

Higher image quality for easier and more reliable diagnosis leads to optimal marketing for your services.

### Low power consumption

Differently from High field systems, the O-scan equine does not require electricity or cryogenic liquids resulting in very low maintenance costs.

### Advanced Hardware

Optimized features, performance and image quality. Designed around the new concept op parallel computing, eXP will substantially improve the MRI examination by reducing scan times and improving image quality.

### Plug & Play

As from the day of delivery the system is fully operational and ready to use after 1 week of installation, set-up and tuning and 1 week operating and application user training.

### High Speed MRI

Shorter examination time means more comfort for the patient and higher efficiency. Pre-programmed protocols that simplify and speed up examination procedures.

### One Stop Shop

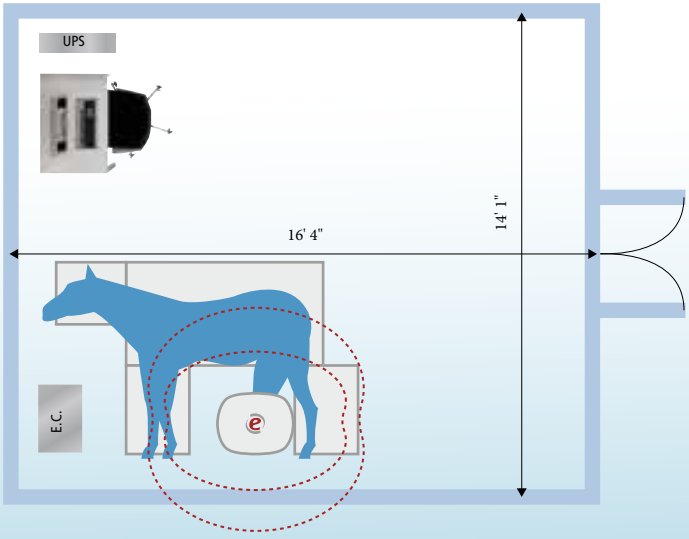
The fastest track to diagnosis and treatment, with the O-scan equine installed in your surgery room.

### SpeedUp PRO

A sophisticated acquisition and reconstruction method developed for the new generation of Esaote Dedicated MRI systems. Superior quality images can now be produced with substantially reduced scan times.
Gives you the flexibility to combine quality and productivity during the same sequence.

### Evo 3D

Represents the next step in terms of isotropic 3D sequences.
Reduces the voxel size, enabling incredibly high-resolution Multi-Planar-Reconstruction (MPR).
In combination with SpeedUp PRO, allows for a 50% reduction in scan time in a single acquisition.




### Limited Installation Space

The innovative design of the O-scan equine integrates a complete MRI system in one unique structure including RF shielding, with a low weight and extremely limited space needed for installation.

esaote north america

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