

MRI AT CHINE HOUSE VETERINARY HOSPITAL

MRI is a valuable diagnostic imaging technique that is used as part of a lameness examination.

MRI produces highly detailed anatomical images of the bone and soft tissue structures of the area being examined.

These high definition images are complimentary to other imaging modalities, for example radiography and diagnostic ultrasound.

It is used most extensively to assess horses in which lameness is arising from the feet but can also be used to image higher up the leg.

MRI is a very safe imaging technique as, unlike other imaging techniques, it does not involve ionising radiation, nor general anaesthetic



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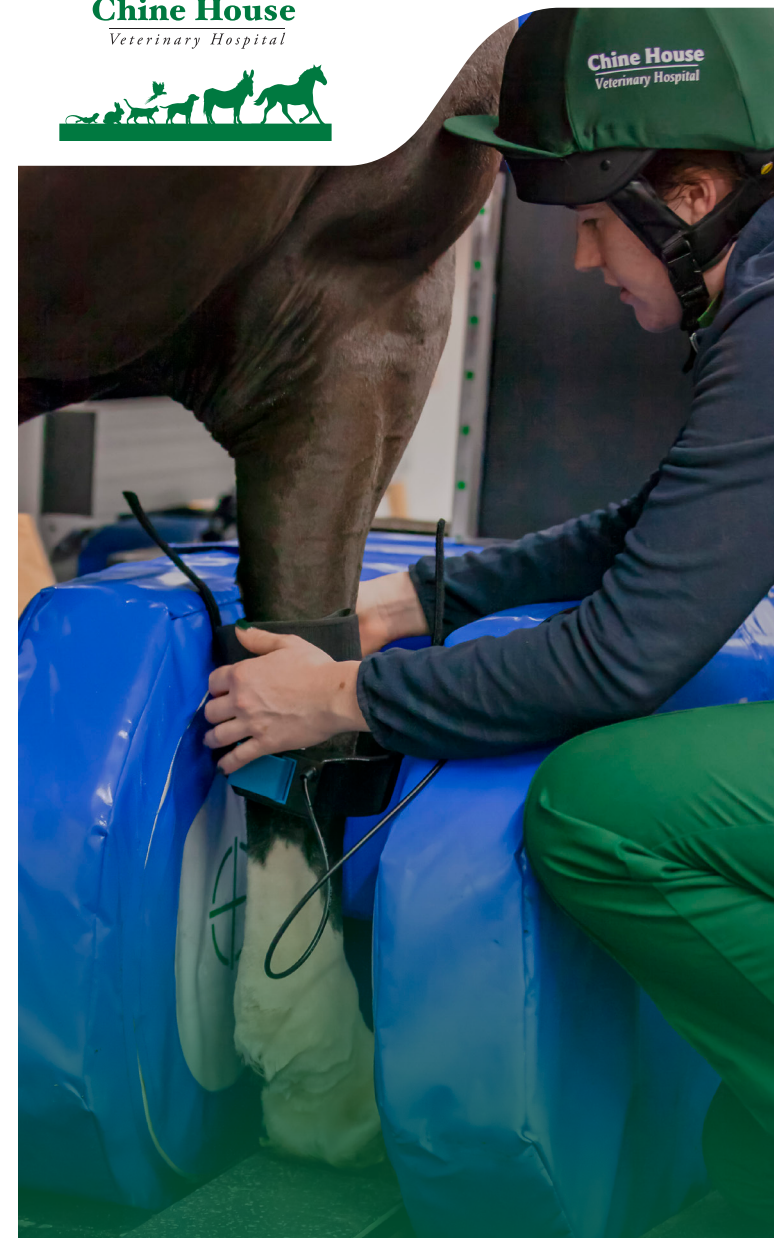


chinehousevets.co.uk/equine

Chine House
Veterinary Hospital



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Equine Standing Magnetic Resonance Imaging (MRI)

at Chine House Veterinary Hospital

We are delighted to unveil our new MRI scanner. It will enable us to offer even higher levels of service to our clients and to vets from other practices who refer horses to us.

This new facility brings advanced imaging for horses to the heart of Leicestershire.

Unveiling a revolutionary advancement in equine healthcare our brand-new MRI unit specifically designed for horses, ensuring optimal comfort and efficiency in diagnostics.



KEY FEATURES



This MRI from Hallmarq means that the distal limb from foot to the carpus and proximal metatarsus can be imaged in the standing, sedated animal.



The hard horn of the equine foot prevents us from seeing the soft tissues with conventional imaging such as ultrasound. MRI allows us to see these soft tissues.



MRI unit allows us to obtain images in high resolution and with motion correction, including accurate imaging of the suspensory ligament.



A more accurate diagnosis leads to better treatments, giving the best chance to get our clients' horses back to their intended athletic use.



As well as the exceptional clarity of the images, each MRI examination produces 300 to 500 images, which is a huge amount of information to help the veterinary team make a diagnosis.



We enlist the help of some of our specialist imaging colleagues to aid with the interpretation of this wealth of information.



IMAGING REGIONS

- Single/bilateral foot and pastern
- Single/bilateral fetlock
- Mid body suspensory and branches
- Proximal suspensory ligaments

TYPES OF INJURY SUITABLE FOR EVALUATION USING MRI INCLUDE:

- *Navicular bone injury and early stage degenerative disease*
- *Soft tissue injuries of the foot*
- *Coffin joint disease*
- *Hoof wall masses*
- *Foot penetration injury assessment*
- *Bone injury of the pastern and fetlock region*
- *Forelimb and hindlimb upper suspensory ligament injuries*