

Hallmarq



Why Choose MRI?

For some patients, referral for an MRI may be the only imaging option while for many others it may be a better imaging option than CT or digital x-ray. In general, an MRI offers these advantages:

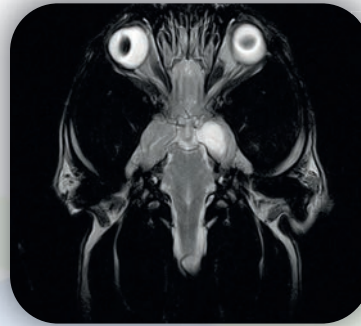
- Safe and non-invasive
- High accuracy, sensitivity and specificity for many conditions
- Enables early detection of pathological changes
- More cost-effective than combining various alternative diagnostics
- Allows multiple planes to be imaged without the need to reposition the patient
- Provides excellent detail for pre-operative planning for many surgical conditions

So even when reaching a diagnosis may be possible through an alternative route, an MRI can often help establish a diagnosis quicker, while providing greater diagnostic detail and enabling a more informed treatment plan to be made.

Why Does MRI work?

Magnetic resonance imaging (MRI) uses a strong magnetic field to align the usually randomly oriented atomic nuclei of hydrogen atoms in the patient's body. A radio frequency (RF) pulse is then applied forcing the spinning hydrogen protons in the nucleus to wobble. Once the RF pulse is turned off, the wobbling hydrogen protons return to equilibrium generating a small electrical signal. This very small signal, detected by RF coils positioned as close to the anatomical area of interest as possible, is converted into the MRI image. The rate at which the protons return to their equilibrium state distinguishes different body tissues.

MRI is particularly well suited for examining brain and spinal cord injuries, tendon and ligament injuries, as well as other soft tissues.



When Is An MRI Warranted?

While each case has to be judged individually, referral for an MRI should be considered if:

- ✓ You feel MRI or other advanced diagnostic imaging techniques are necessary to reach a diagnosis
- ✓ Clinical signs warrant further investigation such as seizures, vestibular symptoms, ataxia, paresis, neck or back pain, and undiagnosed lameness
- ✓ A diagnosis has not been established with available in-house imaging

Hallmarq hallmarq.net
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Emergency & Specialty Hospital
Where care comes first.



Hallmarq

The Hallmarq MRI Difference

Canine and feline anatomy imposes significant challenges when it comes to using MRI, which is why we have chosen to install the Hallmarq 1.5 Tesla PetVet MRI - **the world's first high field veterinary-specific MRI.**

PetVet's dual coil system creates a significant boost in signal sensitivity across larger body areas allowing for advantages in image quality and speed of acquisition than traditional high field MRI in difficult regions to scan such as the brachial plexus.

The PetVet system also incorporates many additional state of the art features that are now available for veterinary use that, until now, would only have been found in brand new human MRI applications.

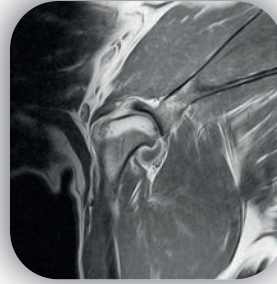


On-Site MRI

Patients that require an MRI scan, especially neurology cases, can quickly become unstable. This makes it critical that the necessary diagnostic procedures are available when needed and can be carried out swiftly.

Our on-site PetVet system is available seven days a week. What's more, our in-house diagnostic imaging specialists work closely with all of our specialists to provide rapid interpretation of results 24 hours a day.

This means that regardless of which day of the week or time of day you make your referral, IndyVet can ensure cases will be managed quickly.



The SAG_T1W_FSE_PC 5 year old female Irish setter - Left Shoulder joint and bicep tendon sheath effusion, synovitis

Our Referral Promise

When you refer to IndyVet, you can expect:

- Quick and friendly customer service
- Estimates for expected patient care
- 24 hour patient care
- Comprehensive updates for you and your client
- Transparent fees for clinical services

Contact Us

We're available for emergencies 24 hours a day, 365 days a year. To discuss your case with one of our clinicians, or to arrange a referral, please contact us any time.

We understand that the decision to refer your patient to IndyVet is an extremely important one. We believe that the services we provide should feel like an extension of your care and that it is our duty to assure that your client maintains their trust in your recommendation.



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