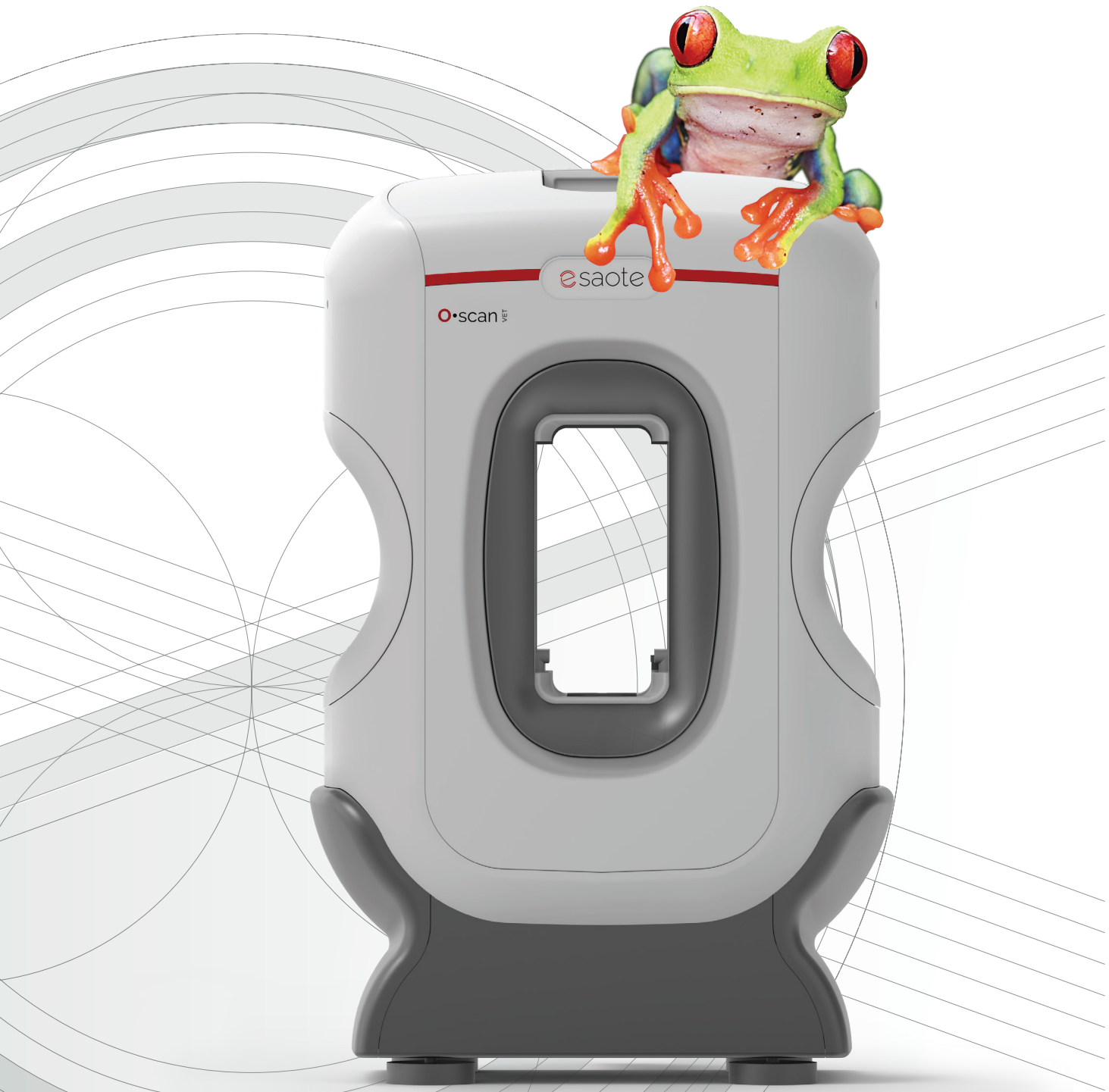
O•scan VET

Good things come in small packages



esaote VET

HEALTH WITH CARE

Versatility at its forefront: Introducing O-scan Vet

To meet the needs of an increasing veterinary market, driven by a rising population of domestic pets and the corresponding increase in caregivers, Esaote offers a versatile solution with **O-scan Vet**.

This system is capable of imaging both pets of small size and equine, with top-quality images and minimal installation costs.

In addition, **O-scan Vet** is a flexible solution from Esaote to meet new evolving needs such as exotic animals, like iguanas, a rapidly expanding market.



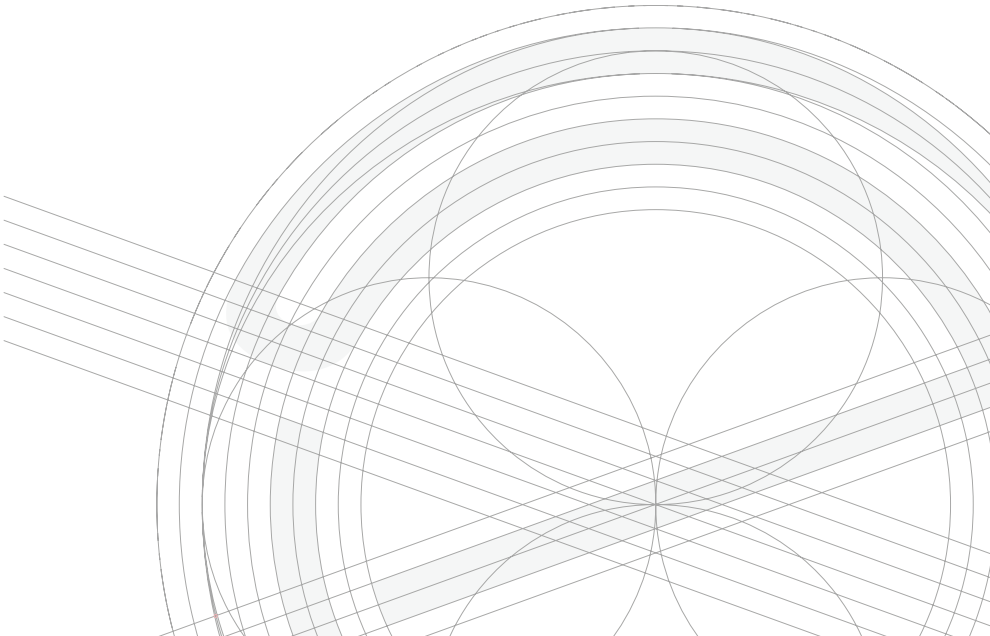
O•scan VET

At Esaote, customer needs are always at the forefront of everything we do

O-scan Vet is a customer-driven MRI system with technology developed to better serve user needs for improved diagnostic efficacy and workflow.

Esaote's veterinary 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 several dedicated sophisticated MRI software techniques.

Thanks to the Esaote MRI technology, veterinarians can now broaden their perspective without compromising on image quality and workflow productivity. The **O-scan Vet is the right choice for veterinarians looking for new ways to expand their service offerings.**



Why choose the O-scan Vet?

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

Sustainable MRI
Low power consumption helium-free MRI systems. Limited installation space with smaller installation and maintenance construction.

Low power consumption
O-scan Vet is a plug and play solution that does not require electricity or cryogenic liquids resulting in very low maintenance costs.

eXP

* **Advanced Hardware/Software**
eXP technology will substantially improve the MRI examination by reducing scan times and improving image quality.

1

One Stop Shop
The fastest track to diagnosis and treatment, with the O-scan Vet installed in your surgery room.

* **Pets & Equines**
Thanks to the optional elevating base for equines, the system can be installed at a higher height so to increase its compatibility with equine patient tables.

* **Dedicated support for pets**
To easily position small animals, the optional trolley provides an effective solution both with or without the elevated base for equine.

High-Speed MRI
A shorter examination time thanks to pre-programmed protocols that simplify and speed up examination procedures. Easier workflow for the operator.

Plug & Play
From the day of delivery, the system is fully operational and ready to use after one week of Installation. Set-up, tuning and one week of operating and application user training.

*Optional

O•scan VET

Customized coils for animals' anatomies



Coil #1



Coil #2*



Coil #3

The size of the animals is dictated by the internal dimensions of the coils.



The *real-time acquisition allows the operator to check patient positioning directly from the system monitor.



*Optional

O-scan Vet applications

For small animals



Neurocranium

Neurocranium, Splanchnocranium



Spine

Cervical, Cervico-thoracic, Thoraco-Lumbar, Lumbo-Sacral



Limbs*

Carpus, Elbow, Fetlock, Hip, Paw, Shoulder, Stifle



* larger breeds too

O•scan VET

For equine



Limbs

Carpus, Fetlock, Hoof

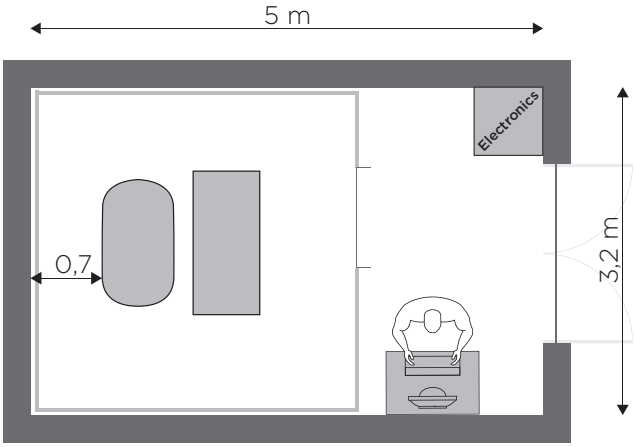




O-scan Vet installation

For small animals

Low weight and extremely limited space needed for installation are the key points of the innovative design of the **O-scan Vet**. The smallest complete MRI system in one unique structure.



SMALL ANIMALS

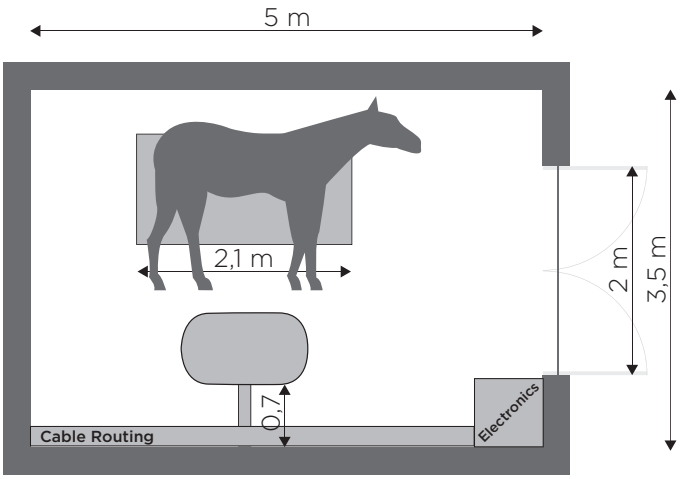
Generic example of installation with RF cage (for small animals installing O-Scan Vet in the shielding cage is recommanded)



For equine

Have you every thought to install an MRI in your surgery room? With **O-scan Vet** RF shielding is unnecessary in most equine installations.

Subject to site verifications.

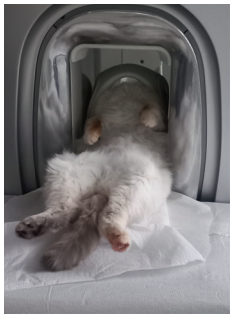


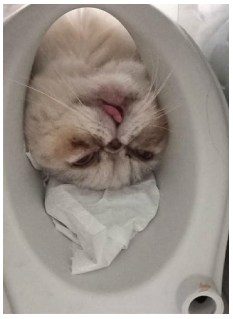
EQUINE
Generic example of installation the RF shielding cage is unnecessary (Equine bed NON provided with the system)



A tailored solution
For small animals

Small animals trolley to facilitate the workflow and patient positioning. It can be positioned both parallel and perpendicular to the magnetic unit according with the examination to be performed.







* Optional

For equine

An extra basement to elevate the magnetic unit and reaching a higher quote so to simplify the approach of an equine surgical table.







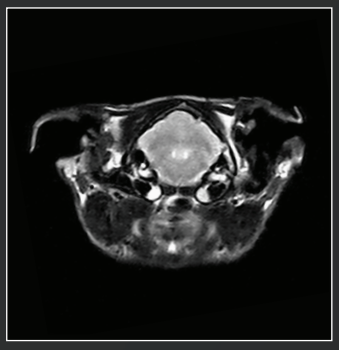
The patient trolley is available both in the configuration with and without magnet lift and is configured with two cushions of different thickness to better position different sizes of small animals.



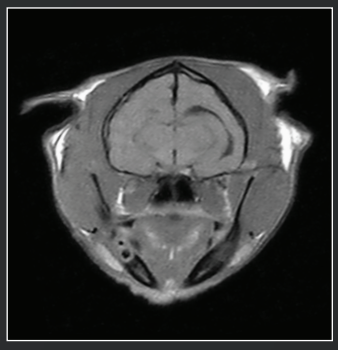
Once installed, both the booster magnet and the lift of the patient bed are fixed, installed from the service in a non-removable way.

Great image quality **on small animals**

Cat - Neurocranium



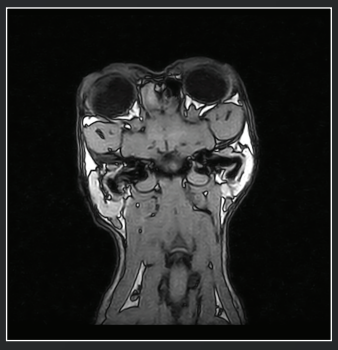
FSE T2 Transverse



SE T1 Transverse

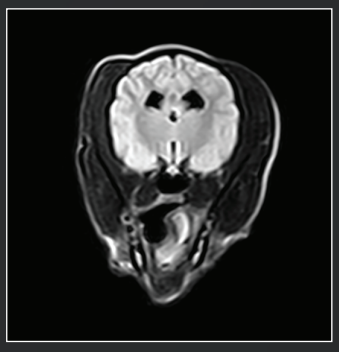


FSE T2 Sagittal

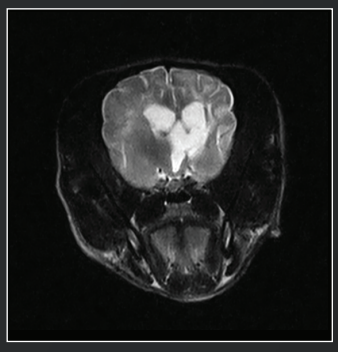


3D SST11 Dorsal

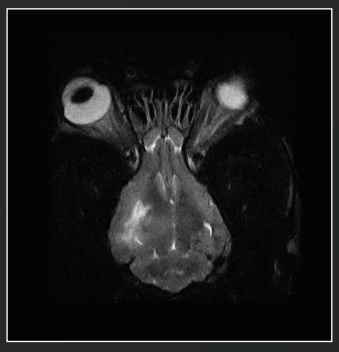
Dog - Neurocranium



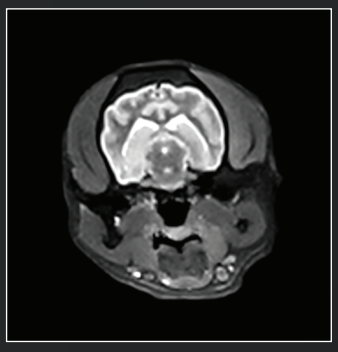
Fast FLAIR Transverse



FSE T2 Transverse



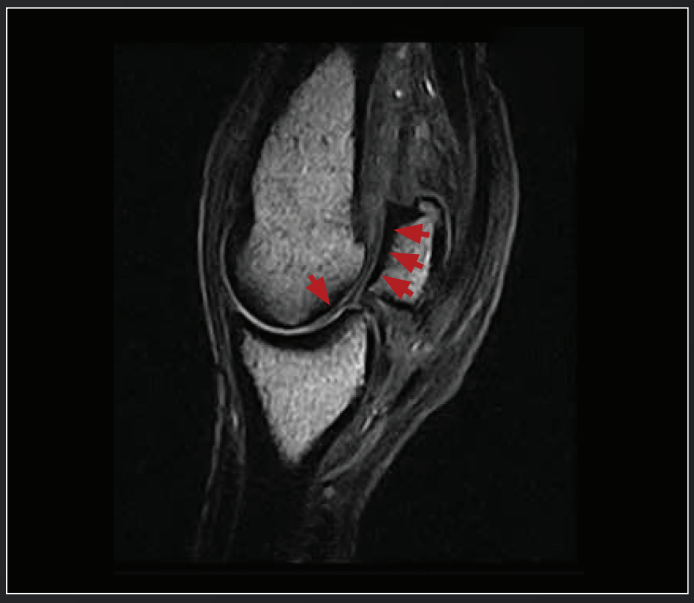
FSE T2 Dorsal



GE STIR Transverse

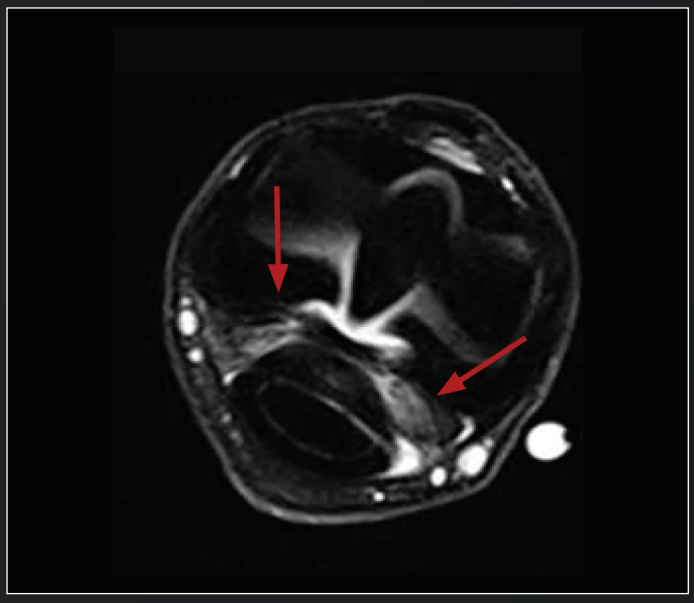
Great image quality **on equine**

Case 1 - Fetlock Arthropathy



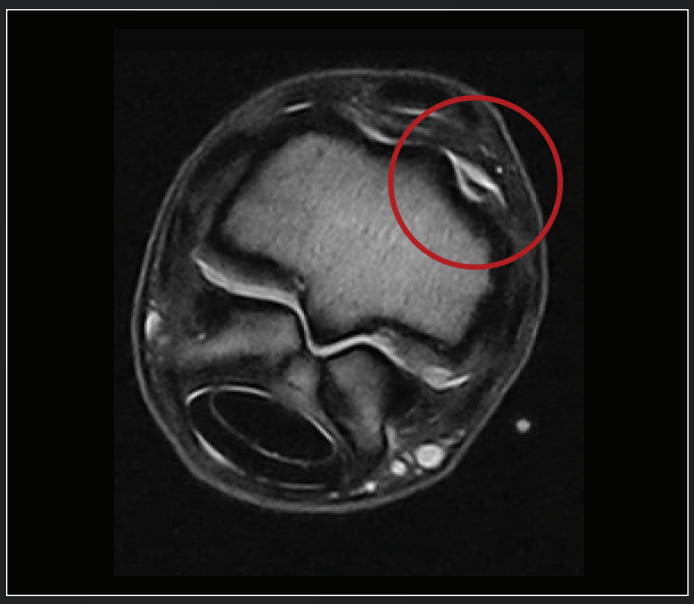
3D T1

At the back of the metatarsosesamoidean joint there are areas with decreased cartilage signal on condyles and dorsal sesamoid bones.



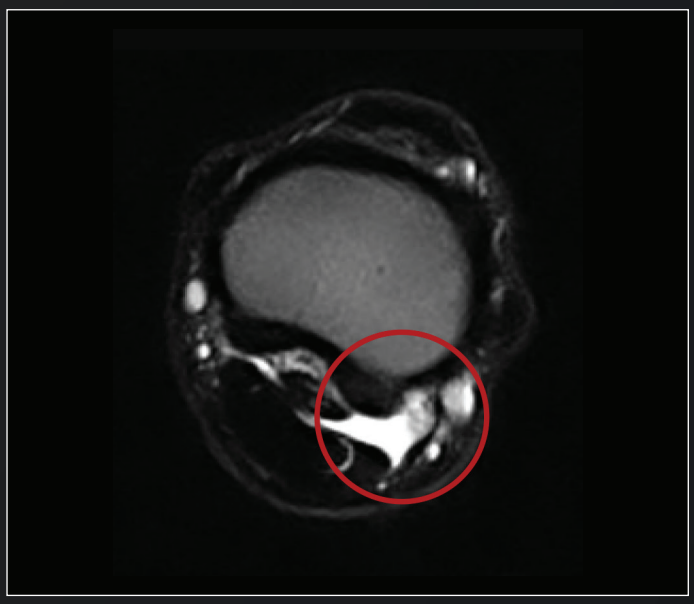
STIR

Mild/moderate signal increase in the axial halves of the medial and lateral oblique distal sesamoidean ligaments.



FSE PD

The dorsal-lateral synovial pad is prominently seen as it is surrounded by fluid. This type of finding is often seen with a fetlock arthropathy.

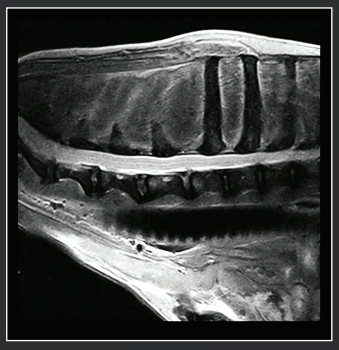


FSE T2

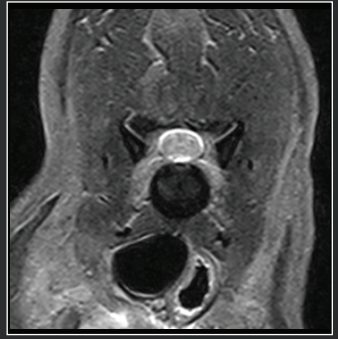
Unusual accumulation of fluid in the palmar lateral pouch of the fetlock joint.

Great image quality **on small animals**

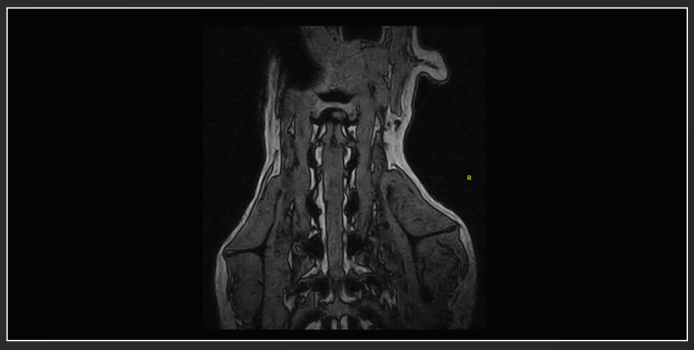
Dog – Cervical Spine



FSE T2 Sagittal

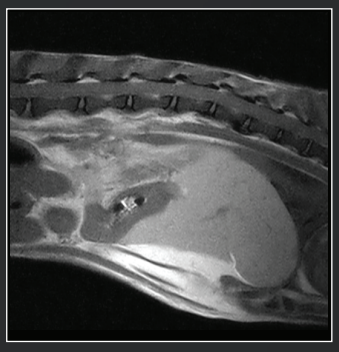


FSE T2 Transverse



3DSST1 Dorsal

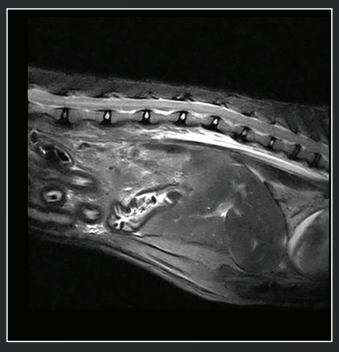
Cat - Thoracolumbar



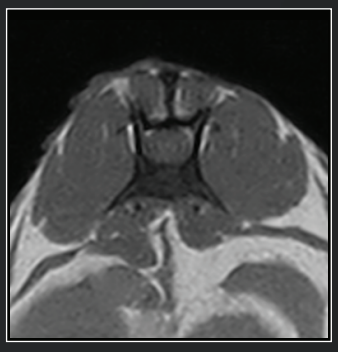
SE T1 Sagittal



FSTIR Dorsal



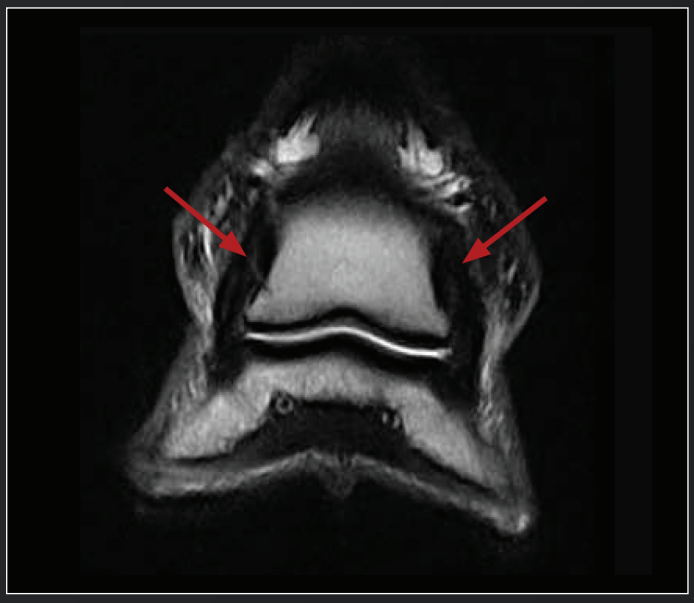
FSE T2 Sagittal



GE STIR Transverse

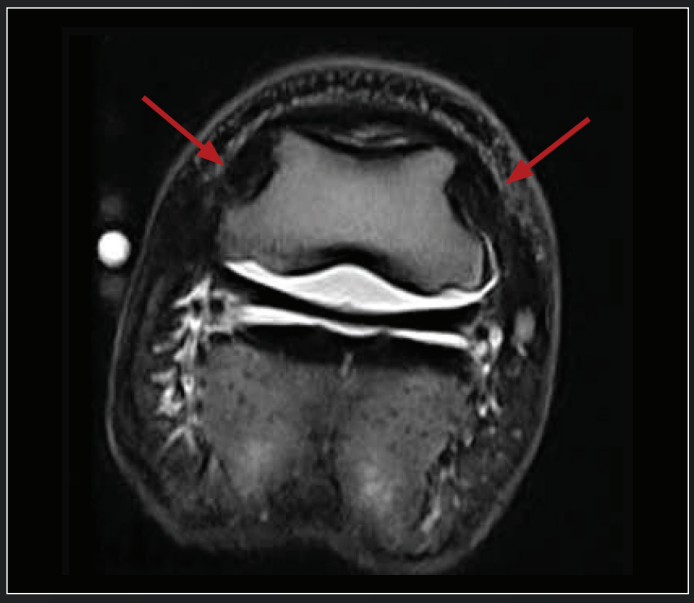
Great image quality **on equine**

Case 2 - Lesion of the collateral ligaments of the coffin joint



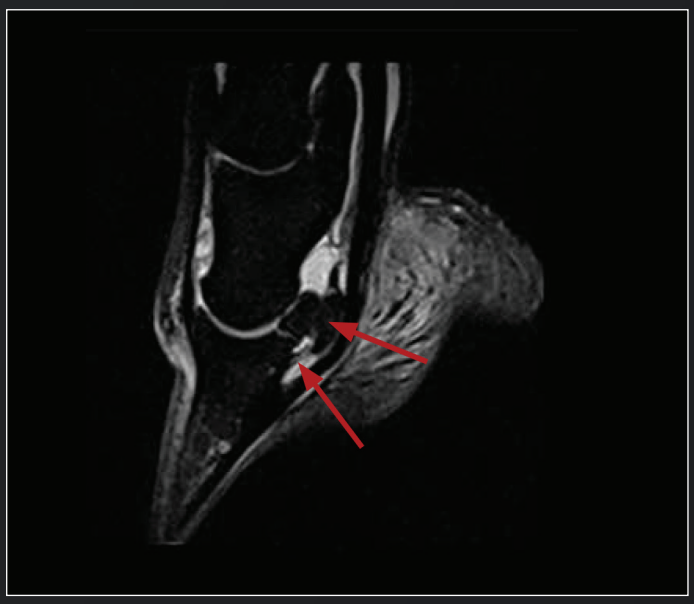
FSE T2

Significant T2 signal increase at the origins, proximal, mid and mid-distal levels of the medial and lateral collateral ligaments of the coffin joint.

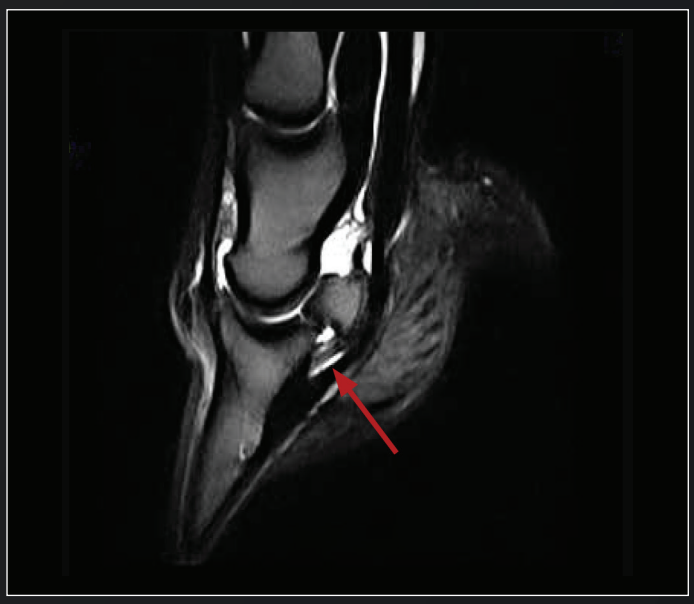


FSE T2

In the axial plane the majority of the signal increases along the axial halves of the ligaments.



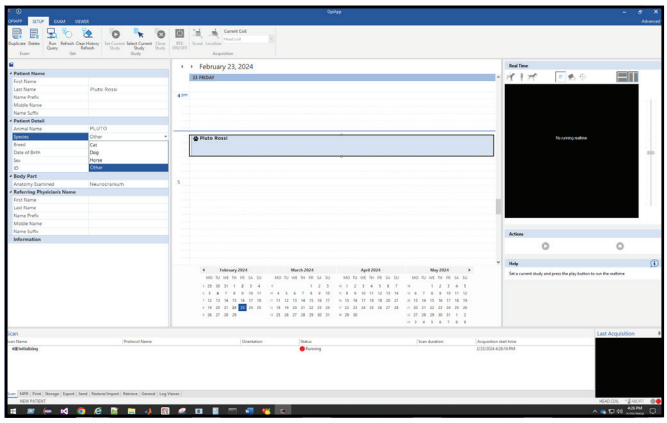
STIR



FSE T2

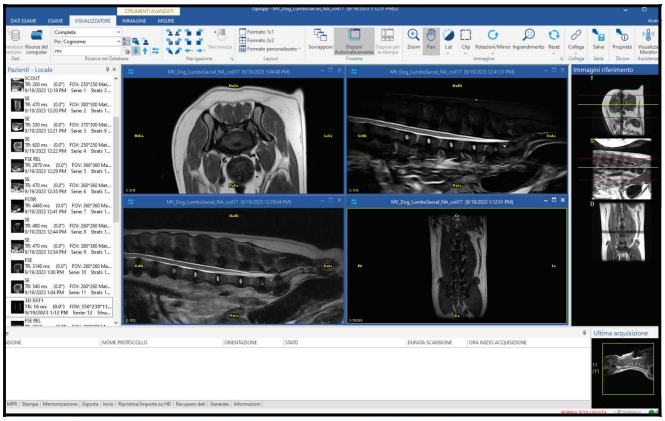
A tiny amount of STIR signal can be seen in palmar where the distal impar ligament inserts There is also a subtle increase in STIR signal seen in the naviculat bone.

Dedicated VET interface

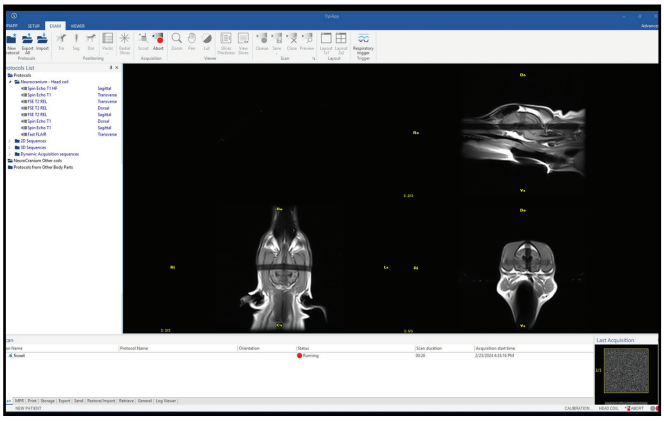


Easy input of all animal data through user-friendly dropdown menus.

Within the patient data section, are provided designated fields to enter the owner's information and select the specific species and breed of the animal. Moreover, having a precise MRI orientation makes it possible to specify the pet's positioning on the magnet.



During the examination planning phase, the Veterinary user interface simplifies the process by presenting images oriented correctly for veterinary purposes, complete with relevant DICOM fields.



O-scan Vet comes with comprehensive set of protocols, developed with vet luminaries, and specific for different type of animals and size.

Esaote Health with Care: Where Every Animal Matters



O-scan Vet exemplifies versatility in veterinary imaging. With its cutting-edge technology, it is designed to satisfy the requirements of both small and large animals from routine check-ups to specialized procedures, empowering veterinarians to make the right decisions with confidence.

We believe that every animal's health is of greatest importance. Our commitment to providing advanced imaging solutions comes from a deep-rooted dedication to ensuring the well-being of all creatures, large and small.

Whether it's a beloved cat or dog, a majestic equine, or a colored exotic animal, our goal remains unchanged: to deliver unparalleled imaging technology that supports accurate diagnosis and treatment planning, ultimately enhancing the quality of care provided to every animal.

Be part of the veterinary community

Esaote's robust collaboration with leading veterinary institutions ensures our constant alignment with the dynamic needs and trends in the veterinary field.

This approach not only enriches our understanding but also fosters a sense of collaboration and shared purpose within the broader veterinary community.

Together, we are shaping the future of veterinary care.



O•scan VET



Veterinary MRI Community

Being an integral part of the veterinary journey.



Worldwide Meetings

To increase your knowledge in diagnostic imaging.



Worldwide hands-on

A practical, interactive session to be directly engaged with MRI.



Assistance services

Starting from any concerns, through the installation, to the on-site/online service assistance.



Health with care

Helping the veterinarian by providing the best diagnostic imaging.



Clinical Application support

Comprehensive training and continuous follow-up from clinical experts in MRI applications, from the initial instruction to the final customization of the system.



Coaching center

Opportunity to work alongside experts and reference centers to gain practical experience and become proficient in using the system.



Veterinary MRI Webinars

Clinical discussions led by internationally renowned speakers. An educational library entirely at the disposal of users.



Veterinary Educational

Free access to clinical, scientific topics and advanced technologies.



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www.esaote.com

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Italian design