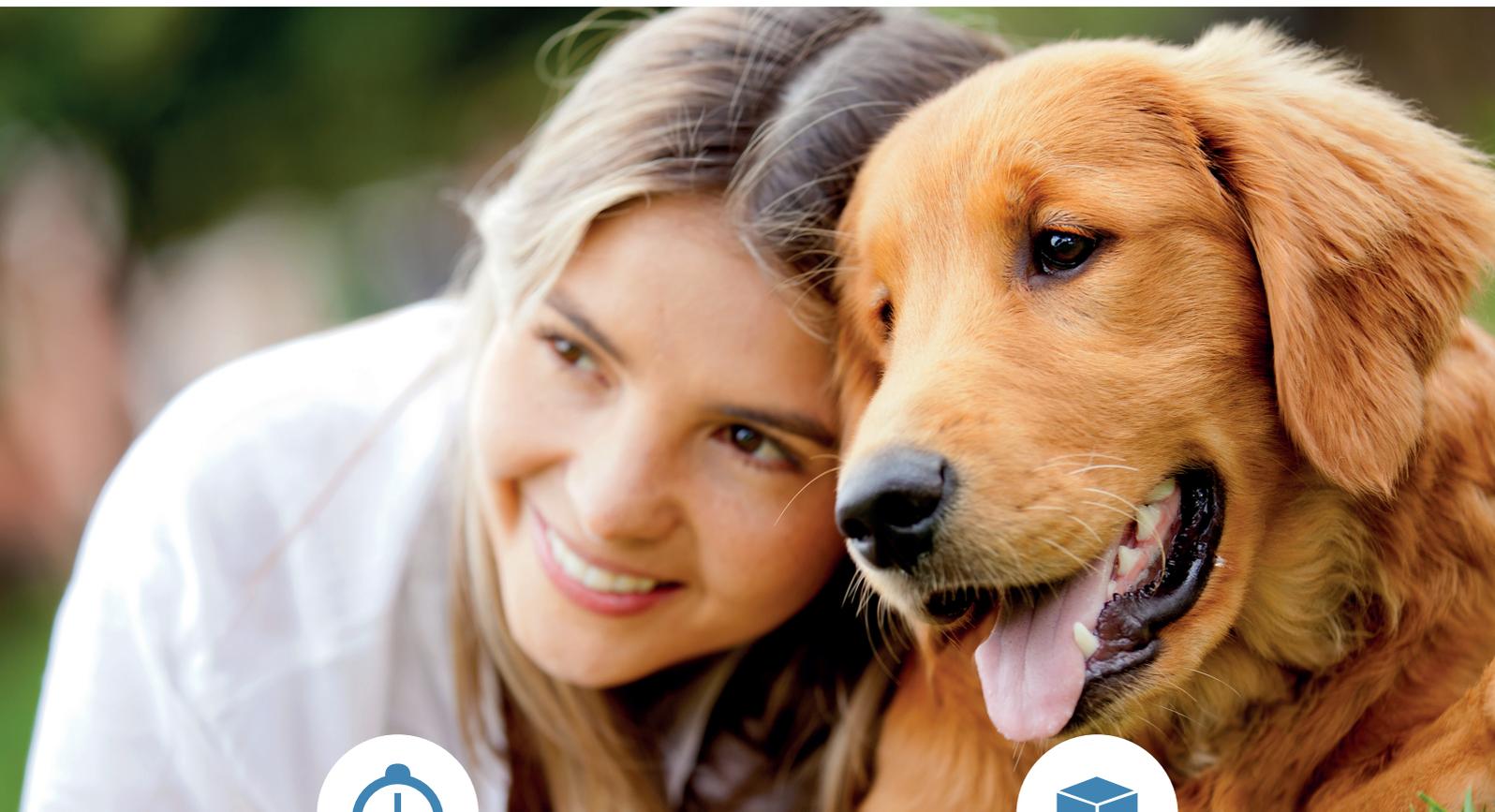


 **Vet-MR**
Grande
@XP
Technology



Introduction

High performance is the key to the Vet-MR Grande eXP: an innovative MRI system engineered for small animal applications. It is the result of years of experience and collaboration with leading clinics and offers the smartest solution for neurologists, radiologists, and orthopedic surgeons. Vet-MR Grande eXP meets the needs of all veterinary hospitals requiring excellent diagnostic capabilities.



Speed-Up 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 Speed-Up PRO, allows for a 50% reduction in scan time in a single acquisition.



-
- ✓ Maintenance-free open permanent magnet
 - ✓ 0.25 Tesla field
 - ✓ Max RF power: 3000 W (2 Amps)
 - ✓ Shimming: passive
 - ✓ Gradient: ± 20 mT/m
 - ✓ Slew rate: 56 mT/m/ms
 - ✓ FOV: 27 cm
 - ✓ Installation space of 19 m² required
 - ✓ Minimal running costs:
1.3 - 2 kW (max) in normal 220/110 V power outlet
 - ✓ Complete set of dedicated linear and DPA coils
 - ✓ Acquisition sequences: FSE T1, FSE T2, XBone, 3d Hyce, Fast STIR, FLAIR, STIR Myelo, SE and GE
-



Unique Advantages

Technology, education, support and dedication to Veterinary MRI proven over more than 15 years to provide the best solution for your hospital or practice.



Premium Image Quality

Thanks to long-term cooperation with leading clinics we are able to test the study protocols and optimize the internal settings in order to obtain top image quality leading to reliable diagnosis and more efficient throughput.



Minimal Running Costs

Unlike high field systems, the Vet-MR Grande eXP makes careful use of resources by requiring less energy and no cryogenic liquids. This results in very low maintenance costs and is a simpler and safer way to manage your practice.



Advanced Hardware & Evo 3D

With optimized features, performance, and image quality designed around the new concept of parallel computing, eXP substantially improves with optimized MRI examinations by reducing scan times and improving image quality. EVO 3D reduces voxel size, enabling incredibly high resolution Multi-Planar-Reconstruction (MPR).



Training & Education

Immediately following the installation of the Vet-MR Grande eXP, a professional training course is held on site by a dedicated application specialist, who will show you how to obtain maximum performance from the system. In addition and thanks to the cooperation with our leading clinics we are able to organize educational programs by which customers can continuously increase their knowledge.



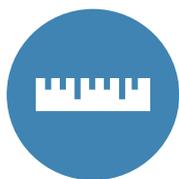
Patient Handling and Monitoring

The Vet-MR Grande eXP has a wide opening to make animal handling extremely easy, even with very large animals. Moreover, with the Vet-MR Grande eXP the ease of monitoring and patient accessibility reduce risk during examination. The specific design of the system allows the use of existing anaesthesia equipment.



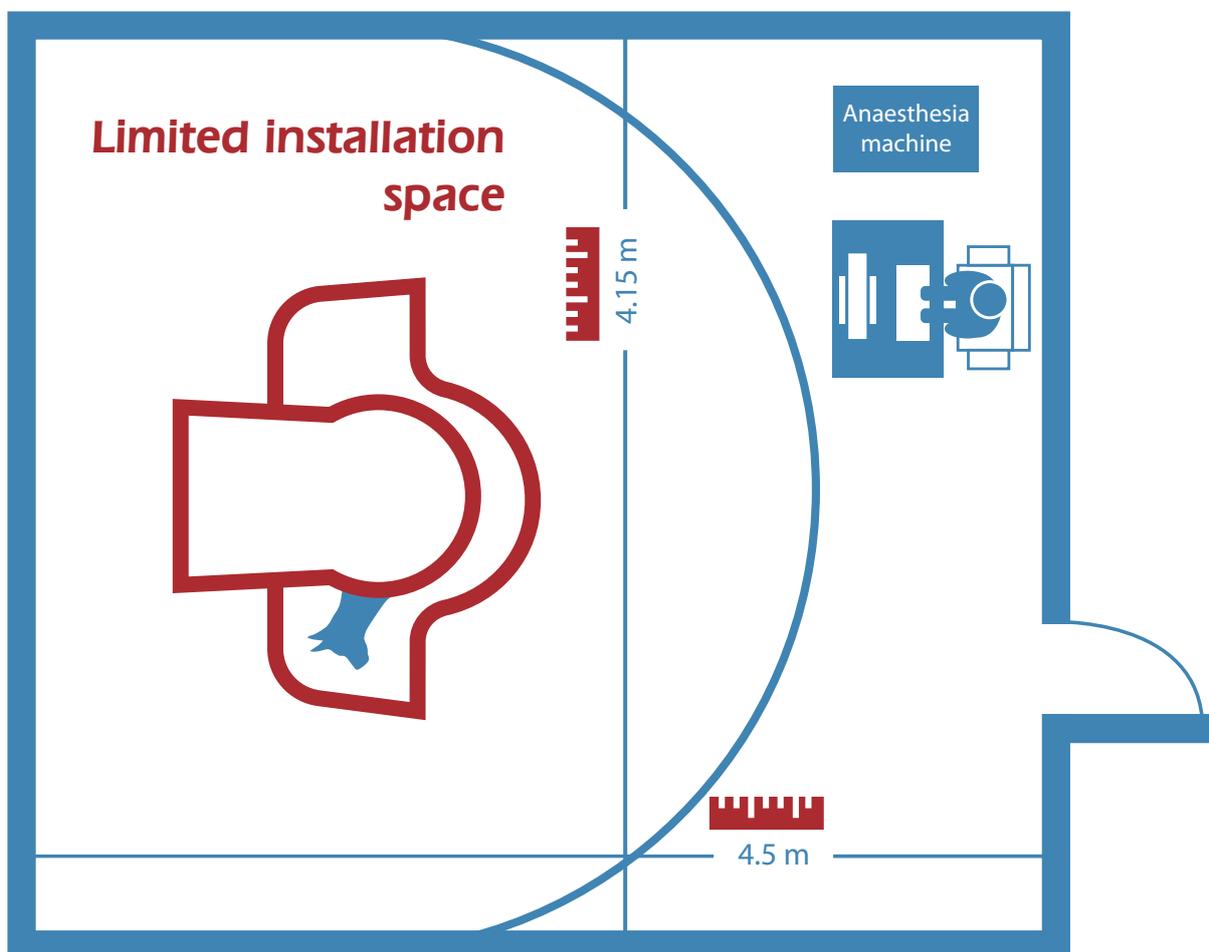
Service Online

Vet-MR Grande eXP features a very solid and stable technology. However, should you encounter a technical problem, the remote service program "ARAS," especially developed for Esaote MRI systems, enables service technicians to connect directly to any Esaote MRI unit for immediate check-up and troubleshooting.

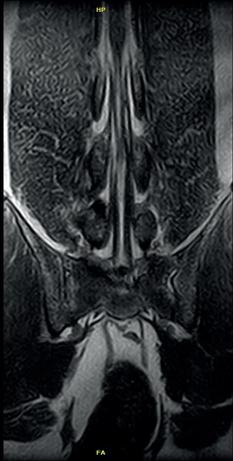


Limited Installation Space

The Vet-MR Grande XP is ideal for installation in practices with small or limited space. The system features a specially designed and easy-to-install dedicated RF cage. Its innovative design, which makes use of existing illumination and air-conditioning, makes installation in a standard room (minimum 19m²) possible.



Clinical Cases



Nerve roots - 3D HYCE



Arnold Chiari Malformation - Sagittal FSE T2



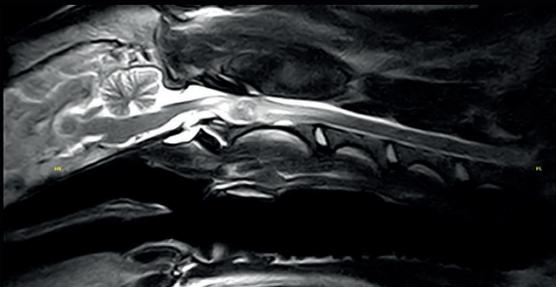
Brain Hematoma - Coronal FSE T2



Brain Hemorrhage - Coronal GE T2*

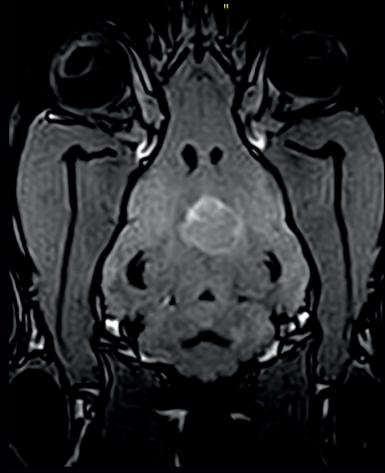


Sagittal Myelo

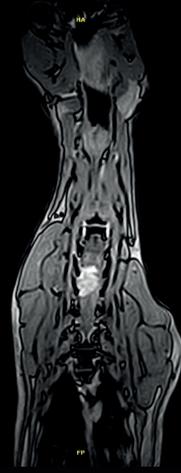


Neoplasia C2 - Sagittal FSE T2

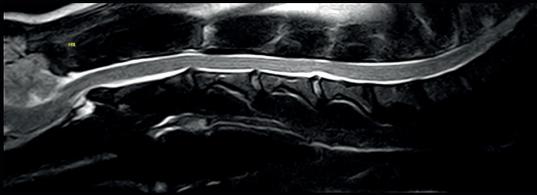
Clinical Cases



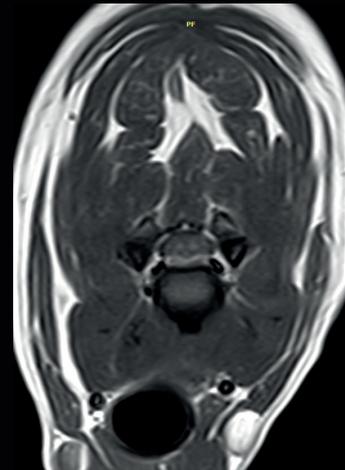
Pituitary Adenoma - Coronal 3D T1 Post



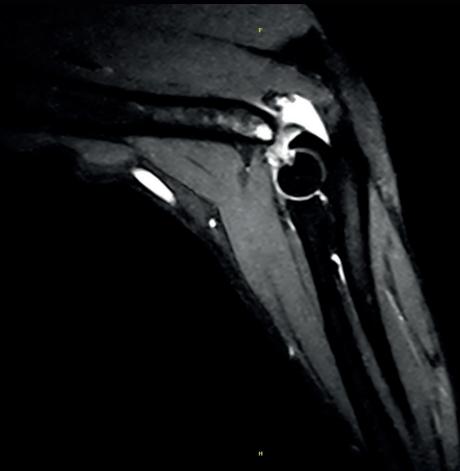
Post contrast Neoplastic C7 CB 3DT1



Pulpy extrusion C4_C5 sagittal FSE T2



Pulpy extrusion C4_C5 Transverse SE T1



Elbow Edema - Sagittal GE STIR



Wobbler Syndrome - Sagittal FSE T2



Join the Global Leader in Veterinary Imaging

Esaote is the pioneer in ultrasound and MRI in the veterinary field. Esaote has over 30 years of market leadership and is a preferred supplier for veterinary practices, clinics, and research centers, and also for many zoos and wildlife institutions.

Offering the perfect products in quality, functionality, price, service and education, combined with a deep understanding of the veterinarians' needs, guarantees our top position in the veterinary imaging market.

Please challenge us with your imaging, ultrasound and/or MRI needs in your daily practice or specific projects. We would love to be your imaging partner.

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