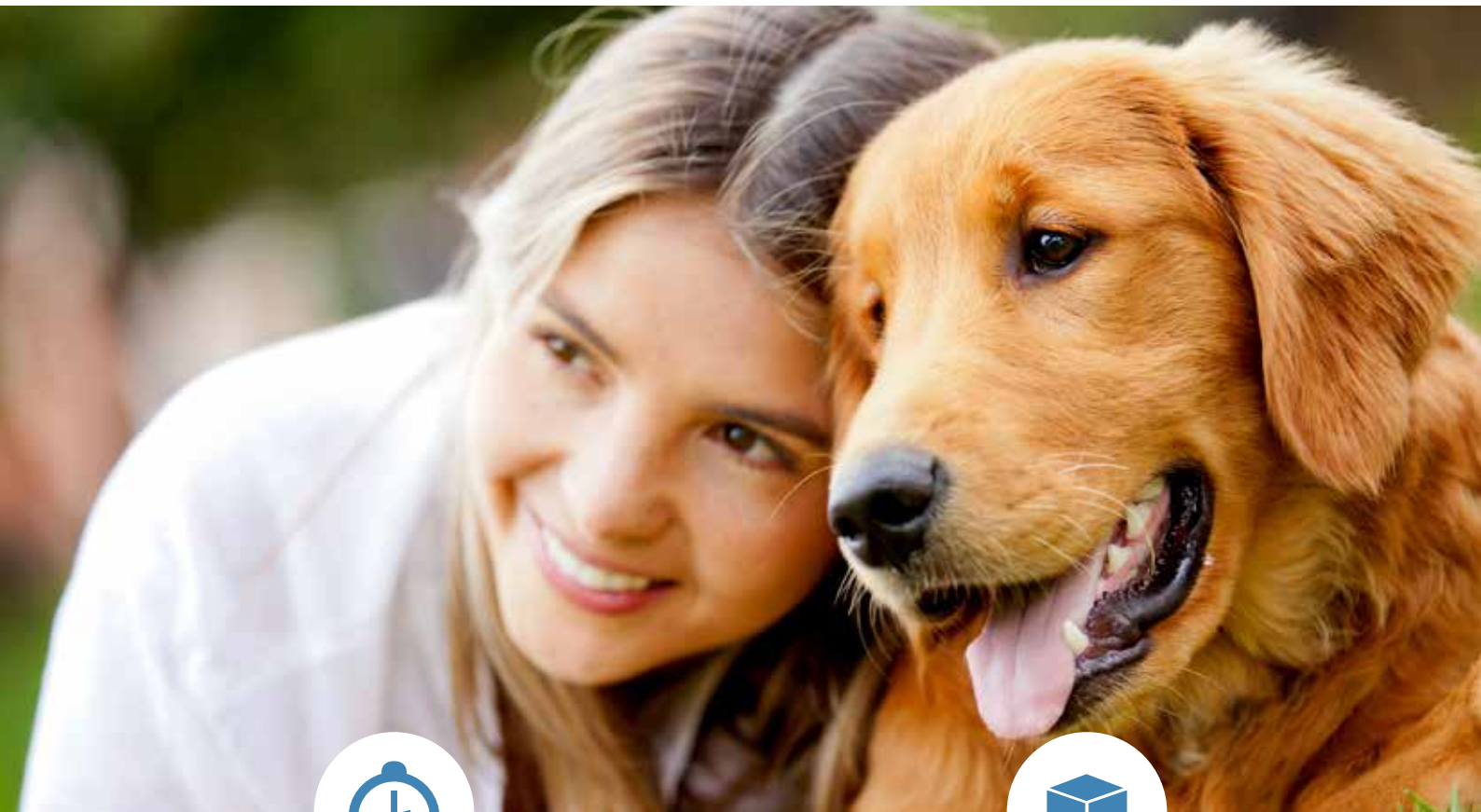




Introduction

High performance is the key when it comes to the Vet-MR Grande eXP, an innovative MRI system that was engineered for small animal applications. It is a result of years of experience and collaboration with luminary sites and therefore offers the smartest solution for neurologists, radiologists and orthopedic surgeons. Vet-MR Grande eXP meets the needs of any veterinary hospital requiring excellent diagnostic capabilities.



Speed-up PRO

Sophisticated acquisition and reconstruction method developed for the new generation of Esaote Dedicated MRI systems. Superior quality images can now be produced in 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: 2100 W (2 amps)
 - ✓ Shimming: passive
 - ✓ Gradient: ± 20 mT/m
 - ✓ Slew rate: 25 mT/m/ms
 - ✓ FOV: 27 cm
 - ✓ Installation space of 19 m² required
 - ✓ Maximal 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 for you

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



Premium Image Quality

Thanks to the long term cooperation with luminary sites we are able to test the study protocols and optimize the internal setting in order to obtain top image quality which lead to reliable diagnosis and more efficient throuput.



Maximal running costs

Differently from high field systems, the Vet-MR Grande eXP makes careful use of resources by requiring less energy and no cryogenic liquids resulting in very low maintenance costs and a simpler and saver way to manage for your practice.



Advanced Hardware & evo 3D

Optimized features, performance and image quality, designed around the new concept of parallel computing, eXP will substantially improve the MRI examination by reducing scan times and improving image quality. With Evo 3D you'll reduce the voxel size enabling incredibly high resolution Multi Planar Reconstruction (MPR).



Training & Education

Right after the installation of the Vet-MR Grande eXP a professional training course is performed on site by a dedicated application specialist, that will guide you to learn how to use the system to its maximum performance. Moreover thank to the cooperation with our luminary sites we organize educational programs where customers can continuously increase their knowledge.



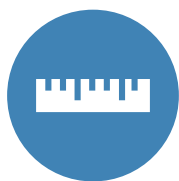
Patient handling and Monitoring

The Vet-MR Grande eXP has a wide opening which makes animal handling extremely easy, even for very large animals. Moreover, with the Vet-MR Grande eXP the ease of monitoring and accessibility to the patient reduces risk during the exam. The specific design of the system allows the use of existing anesthesia equipment.



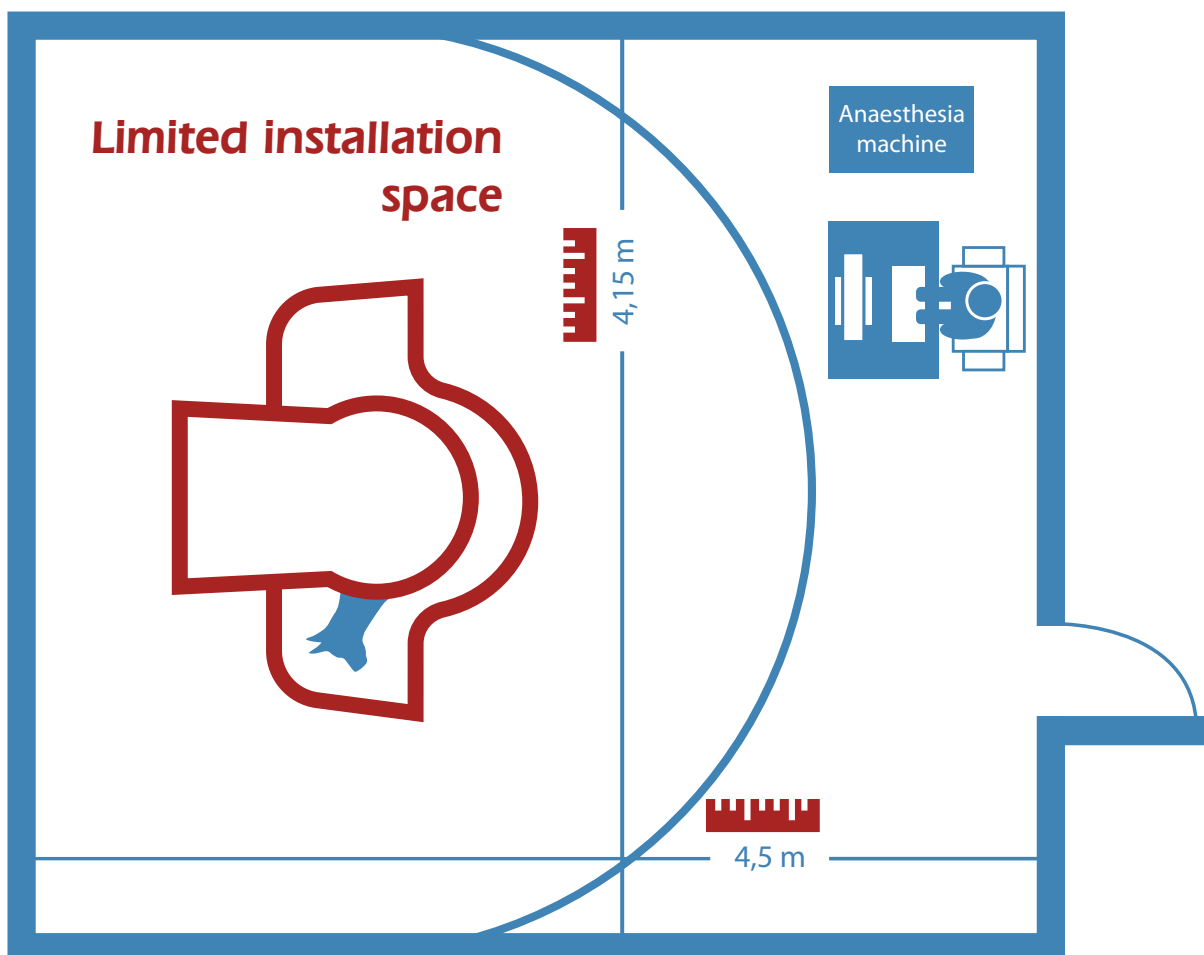
Service online

Our Vet-MR Grande eXP has a very solid and stable technology, but in case you may 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 trouble shooting.



Limited installation space

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



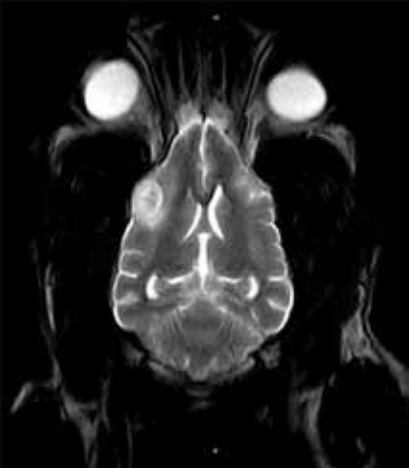
Clinical cases



Nerve roots - 3D HYCE



Arnold Chiari Malformation - Sagittal FSE T2



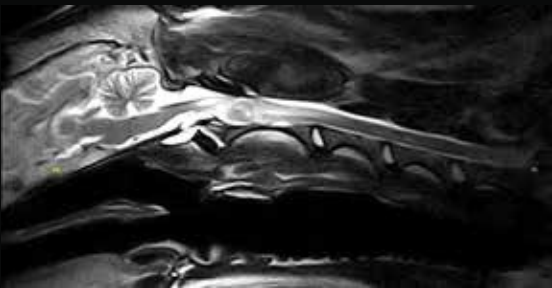
Brain Hematoma - Coronal FSE T2



Brain Hemorrhage - Coronal GE T2*

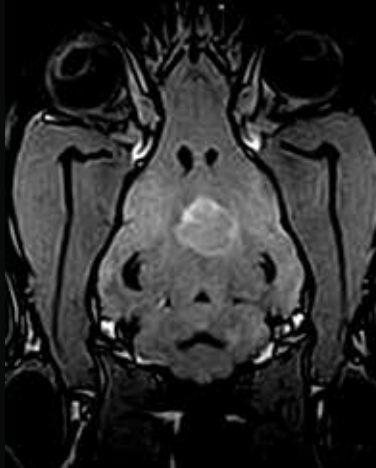


Sagittal Myelo



Neoplasia C2 - Sagittal FSE T2

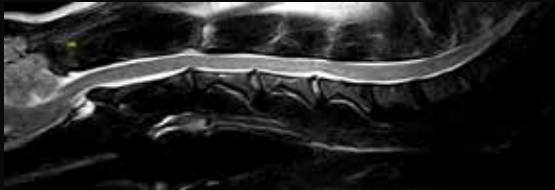
Clinical cases



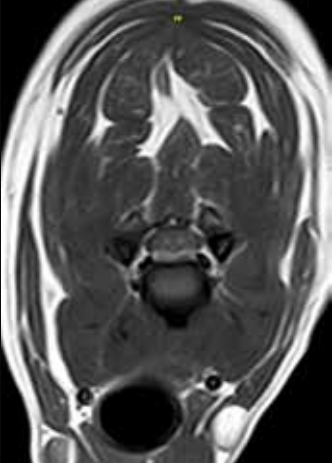
Pituitary Adenoma - Coronal 3D T1 Post



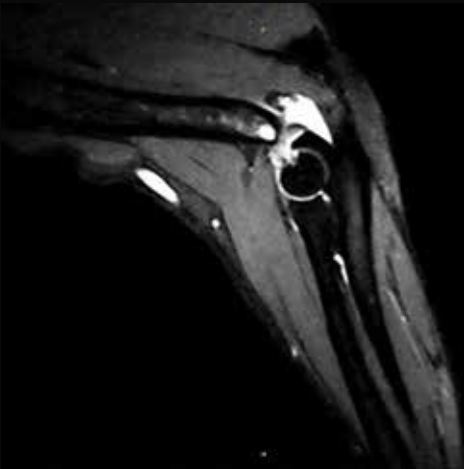
Post contrast Neoplasiac7 CB 3DT1



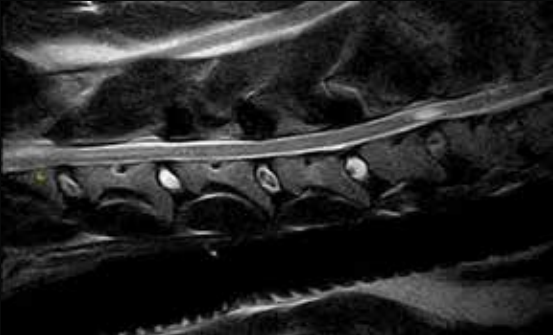
Pulpy extrusion C4_C5 sagittal FSE T2



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. Over 30 years of market leadership and preferred supplier for veterinary practices, clinics and research centers, but 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, will guarantee 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 appreciate to be your imaging partner.

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Technology and features are system/configuration dependent.
Specifications subject to change without notice. Information might refer to products or modalities not yet approved in all countries.
For further details, please contact your Esaote sales representative.