

Vet-MRGrande^{ELITE}

See clearer, care better



esaote VET
HEALTH WITH CARE

The next generation of veterinary MRI from esaote

Years of expertise in a new design

At Esaote, we prioritize customer needs in everything we do. **Vet-MR Grande ELITE** is the result of years of experience and collaboration with leading clinics, delivering a smart imaging solution for both small pets and equines.

Its compact design ensures minimal installation costs while delivering exceptional value and one of the highest returns on investment in the market.



“Health with care”

Esaote’s payoff underscores our dedication to understanding global changes and the diverse needs of people, particularly in the development of innovative products and technologies. Our decisions are guided by the comfort and well-being of veterinary professionals, while emerging trends in the veterinary market inspire us to continually improve our offerings.

Unlock next-gen diagnostics



Excellent Image Quality

Thanks to long-term collaboration with leading clinics, we are able to test study protocols and optimize internal settings to achieve superior image quality, enabling reliable diagnoses and more efficient workflows.



Empowered by Artificial Intelligence*

Esaote introduces artificial intelligence into its MRI systems as a fully integrated and customized solution. The new technological platform e-SPADES, consisting of advanced HW and sophisticated SW algorithm for a faster, sharper, and smarter examination.



Advanced Hardware/Software*

eXP technology substantially improves MRI examinations by reducing scan times and improving image quality. EVO 3D reduces voxel size, enabling incredibly high-resolution Multi-Planar-Reconstruction (MPR).



Dedicated user Interface

Vet-MR Grande ELITE features an intuitive veterinary interface with clear dropdowns and precise positioning tools, streamlining exam planning with species-specific MRI orientation. It also includes a comprehensive library of dedicated scan protocols, developed in collaboration with leading veterinary experts to ensure exceptional image quality.



Patient Handling and Monitoring

The open structure and large patient table, in combination with the use of dedicated coils, guarantee an easy and fast animals positioning. All of this allows the use of existing anesthesia equipment in a simplified and intuitive way.



Post-surgical imaging and microchips

Metal Artifact Reduction (MAR) application is an optimal solution for post-surgical imaging or when microchips are present.



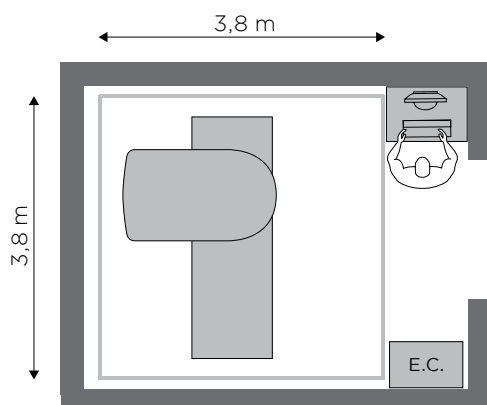
Sustainable MRI

A helium-free MRI system with low power consumption, designed as a plug-and-play solution that eliminates the need for cryogenic liquids. This results in significantly lower maintenance costs and provides a safer, more practical way to manage your practice. Its energy-efficient design allows it to operate on a standard 220/110 V single-phase power supply.

Challenging installation space

The **Vet-MR Grande ELITE** is ideal for practices with limited space, featuring a compact design that allows for seamless installation in a dedicated RF cage.

The system boasts low power consumption (average consumption during acquisition 2 kW) and operates without cryogenics or water cooling, backed by dedicated service contracts for peace of mind.



Example of suggested installation



Delivery excellence

Multi Channel Coils tailored for Pets

Choose from a comprehensive selection of dedicated coils, crafted to deliver optimal imaging performance and easy animal positioning. Multichannel technology ensures high SNR, consistent signal uniformity, and spatial resolution.

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

Engineered for modern veterinary care, our innovative **sliding patient bed** is specially designed for pets, boosting operator accessibility and making animal positioning and handling faster, safer, and easier than ever.



Linear coil



DPA coil



Linear multipurpose flex coil



DPA large coil*



DPA small coil*



DPA Small Parts coil*

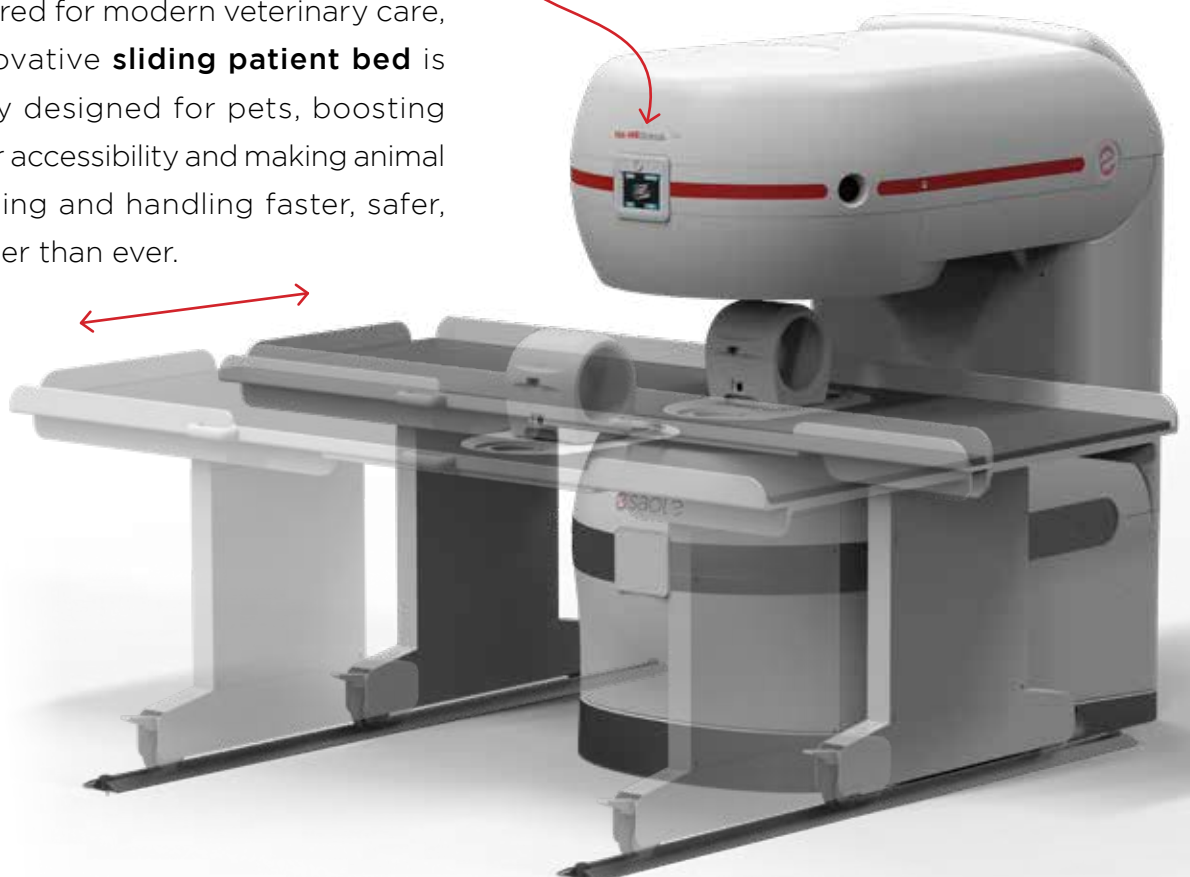


DPA open coil*



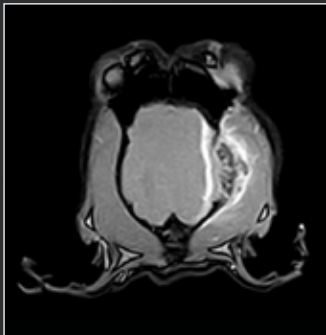
Horse Extremities Coil*

*Optional Coil

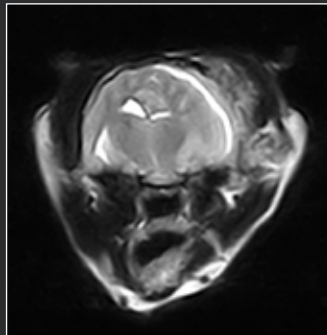


See clearer, care better

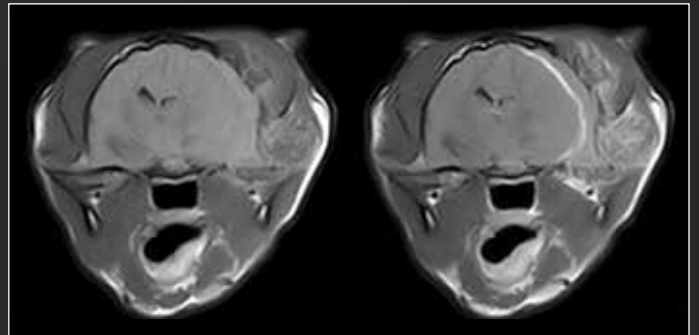
Advanced computing and smart algorithms drive high-quality imaging and swift, reliable diagnostics across comprehensive exams, including vascular pathologies, neurological conditions, and joint assessments.



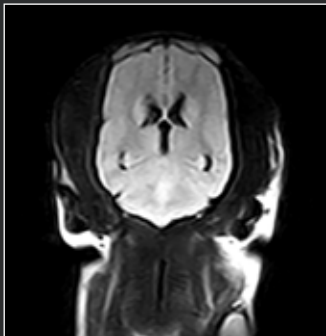
Brain Dorsal 3D SST1



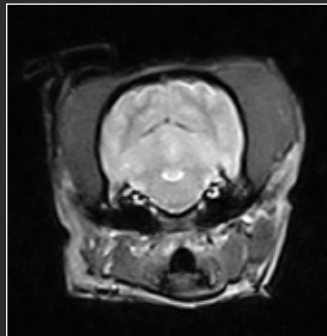
Brain Transverse FSE T2



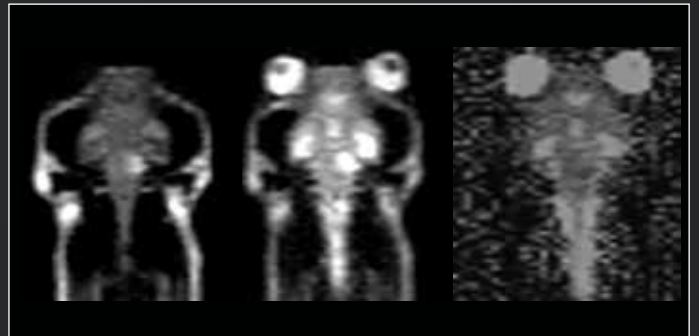
Brain Transverse Spin Echo T1 pre-post contrast



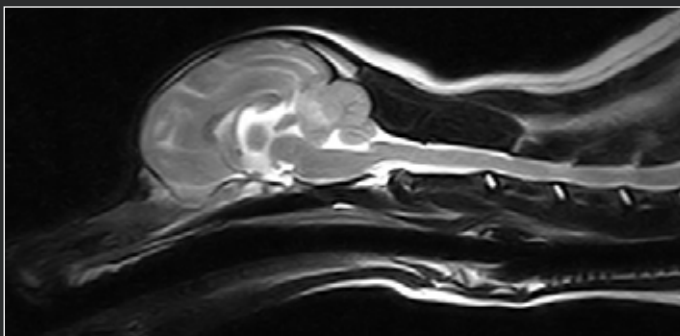
Brain Dorsal Fast FLAIR



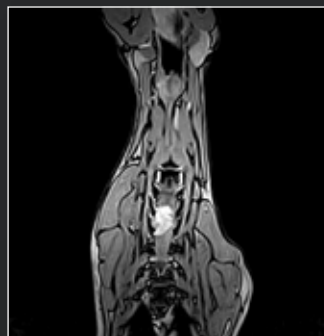
Brain Transverse GE T2*



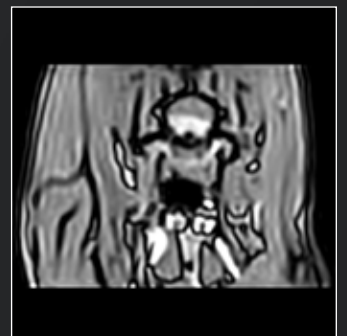
Brain Dorsal DWI (high b-value, b0, ADC)



Brain
Sagittal FSE T2



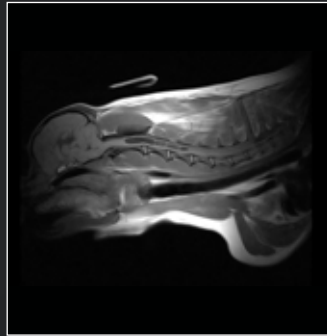
Cervical Spine
Dorsal 3D SST1



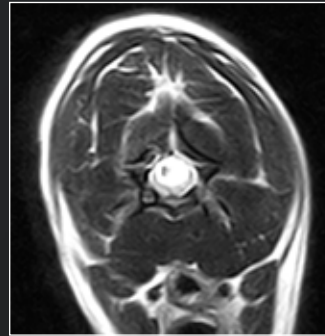
Cervical Spine
Transverse MPR



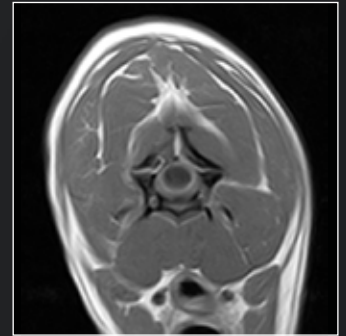
Cervical Spine
Sagittal FSE T2



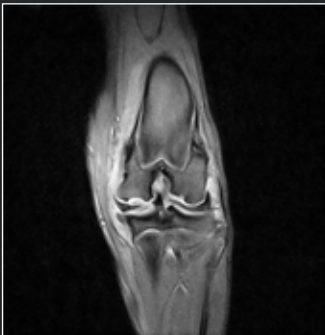
Cervical Spine
Sagittal Spin Echo T1



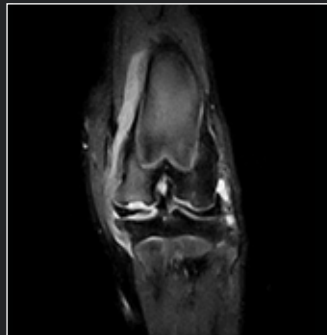
Cervical Spine
Transverse FSE T2



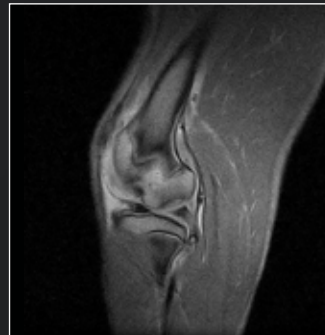
Cervical Spine
Transverse Spin Echo T1



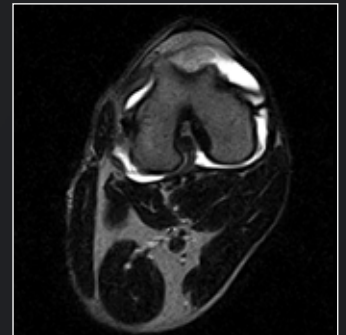
Stifle Dorsal Gradient Echo T2



Stifle Dorsal Gradient Echo STIR



Stifle Sagittal FSE PD



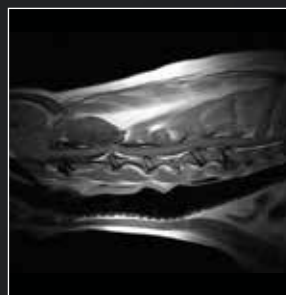
Stifle Transverse FSE T2

e.SPADES^{*}

Your Ace for Diagnostic Excellence

With **HyperClarity**^{**}—an advanced, fully integrated and customized software solution—Esaote accelerates examinations, enhances resolution, reduces noise, and improves soft tissue contrast, delivering sharper MRI images for more confident veterinary diagnoses.

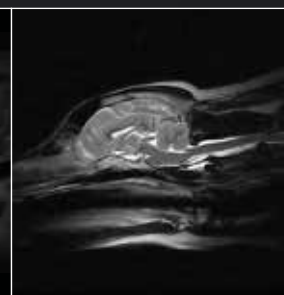
256x256
NEX = 2, Scan Time = 4'44"



HyperClarity

1056x1056
NEX = 1, Scan Time = 2'24"

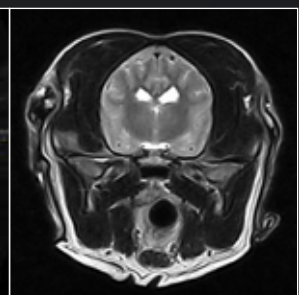
256x256
NEX = 2, Scan Time = 3'55"



HyperClarity

1056x1056
NEX = 1, Scan Time = 2'

256x256
NEX = 2, Scan Time = 5'16"



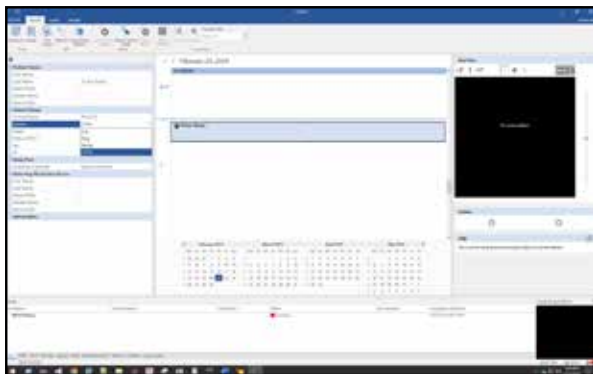
HyperClarity

1056x1056
NEX = 1, Scan Time = 2'41"

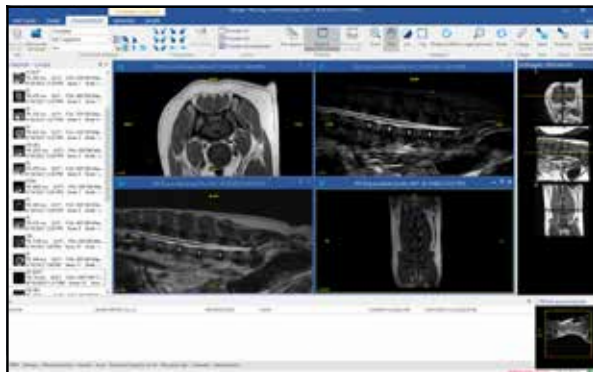
*Optional

Powered by **SwiftMR[™]

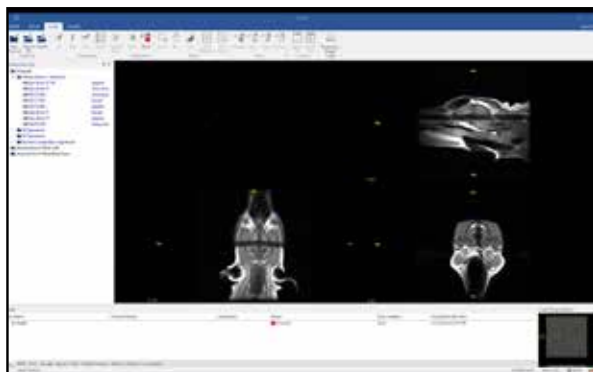
Dedicated VET interface



Easily enter animal and owner details using clear dropdown menus for species, breed, and more, all in one easy-to-use section. 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.



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

Esaote, we are veterinary MRI

Esaote has collaborated with private veterinary clinics and university sites for over 20 years. Feedback from our key customers allows Esaote R&D to constantly improve system performance, helping us continuously shape the future of veterinary MRI.

Your partner for training and education

Since launching its first international course in 2004, Esaote has remained committed to veterinary education. We host global conferences, free online lectures, and expert-led webinars, alongside practical tutorials developed with veterinary KOLs. Our dedicated application specialists provide expert support to ensure high-quality veterinary MRI operations.

Educational needs may grow over time, so our vast network of MRI specialists can help you connect with like-minded veterinarians.



Be part of the veterinary community

At Esaote, we team up with top veterinary institutions to stay perfectly in tune with the evolving needs and trends of animal care.

Our ongoing collaboration fuels innovation, deepens our insight, and builds a strong sense of shared purpose across the veterinary community.

Together, we're not just keeping up with change, we're leading it, shaping the future of veterinary care.





Veterinary MRI
Community



Clinical Application
support



Worldwide Meetings



Coaching center



Worldwide hands-on



Veterinary MRI Webinars



Assistance services



Veterinary Educational



Health with care



160000569 Ver.01

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

 Italian design 

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