Unleash your full potential

with world-class MRI for animal patients

siemens-healthineers.com/vet-mri

SIEMENS
Healthineers

Pets are beloved family members, so it's no surprise that owners around the world are increasingly willing to invest in the best possible care for their furry friends. Let that care begin with the diagnostic confidence only MRI can provide: With our world-class MRI solutions, you can unlock the full potential of veterinary MRI.

MRI for animals

For many veterinary clinics, MRI has seemed out of reach. But now we are offering high-tech MRI ideally suited to the needs of your veterinary practice and its animal patients. With state-of-the-art helium-free superconductive technology, our MRI systems simplify implementation by making siting easier, minimizing complexity, and lowering costs – bringing MRI within reach for every practice.

Unleash your diagnostic edge

Our veterinary MRI systems empower you with the precision imaging you need to reveal the hidden details of soft tissue unavailable with X-ray and ultrasound. Unlock more clarity in neurological, spinal, and orthopedic cases, even in the smallest patients, and take your diagnostic care to the next level.

Find your MAGNETOM match

Unleash your clinic's diagnostic edge with world-class MRI systems. Whatever the size or scope of your practice, we have a solution to match. Our MAGNETOM systems powered by DryCool technology are designed to make high-quality imaging accessible and animal-patient friendly.

MAGNETOM Free.Star

MAGNETOM Free.Max

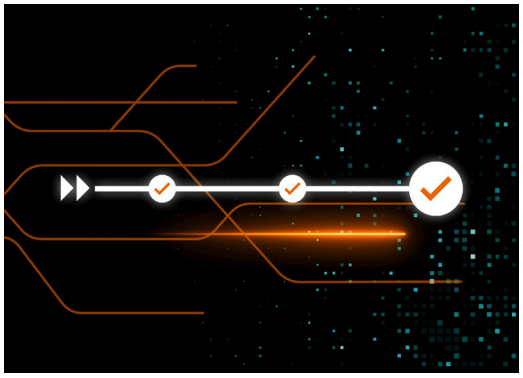
MAGNETOM Flow.Ace

DryCool technology Siting made easy

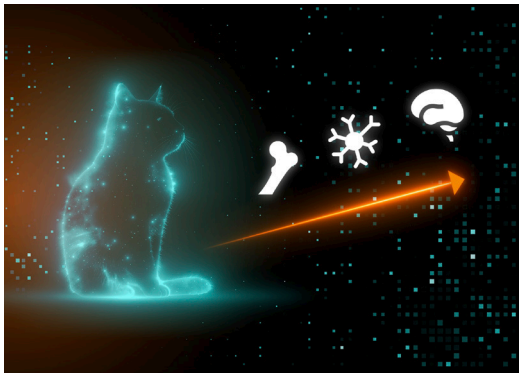
- Pioneering sealed-for-life dry magnet solution
- Drastically reduces helium dependency
- Quench-pipe-free easy siting
- Compact scanner design
- Self-management features for more uptime
- Sustainable MRI

See more. Know more. Do more.

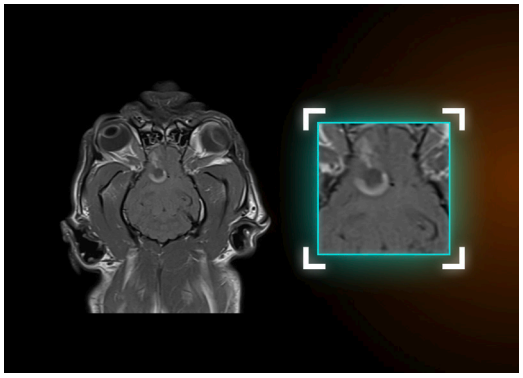
Our MAGNETOM systems offer features that enable more benefits for your practice and your animal patients. Smart workflows and expanded revenue streams combined with the speed and superior image quality of MR can take your clinic and patient care to the next level.



Optimized workflows
Smart planning, fast diagnosis, and precise surgery preparation: Our intuitive software and veterinary-specific protocols[1] make MRI easy – even for first-time users. Ergonomic BioMatrix Contour Coils deliver game-changing positioning flexibility, comfort, and imaging precision to assist your workflow every step of the way.



Opportunities to expand
With world-class veterinary MRI, you're ready to offer advanced surgical and diagnostic services that truly set your clinic apart. MRI enables expansion into high-value care areas from Neurology and Orthopedics to Oncology, opening up new revenue streams in this rapidly growing market.



Superior image quality
See more with precision imaging designed to capture the detail of small anatomical structures. From soft tissue and spinal scans to complex neurological and orthopedic cases, our advanced MRI systems give you the clarity you need for confident, accurate diagnoses in every breed and body type.

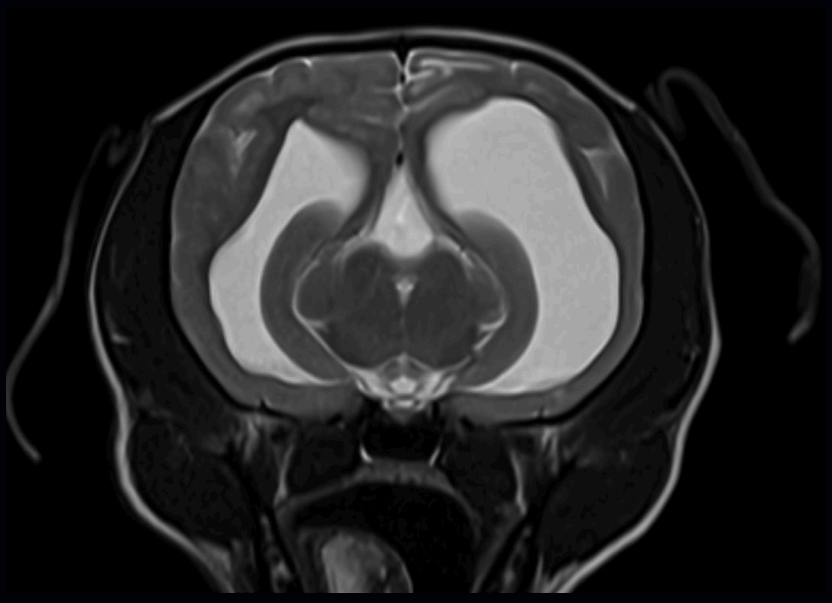
Shorter scan times
Spend less time scanning and more time caring. Our accelerated Deep Resolve imaging and AI-powered workflows dramatically reduce exam times – so your patients spend less time sedated, and you can work more efficiently than ever.

Deep Resolve
Unrivaled speed in MRI

Deep Resolve is an AI-powered image reconstruction technology that takes advantage of convolutional neural networks to accelerate MR scans, making them faster than ever before. Faster scans save time and resources, while improving the patient experience. Deep Resolve's raw data-to-image reconstruction and very fast acquisition are game changers in MRI, helping generate actionable insights for patients' diagnosis.

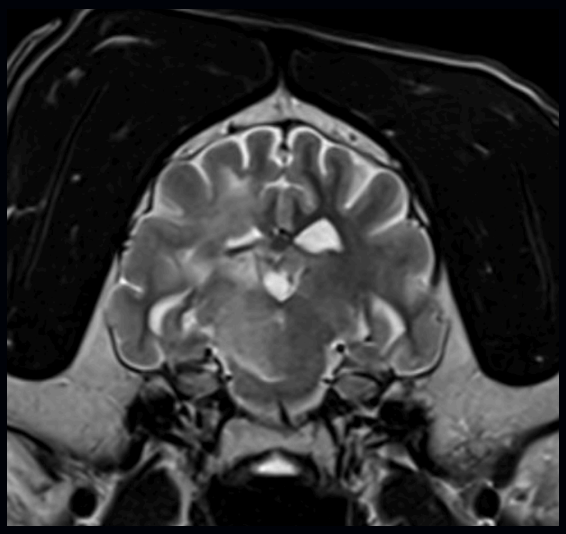
Clinical Cases

MRI can contribute to a better understanding of canine and feline disease and injuries due to the high level of contrast in soft-tissue imaging. The assessment of brain, spine, abdomen, and musculoskeletal cases benefit from the speed and image clarity of MRI without ionizing radiation. With MRI, clinicians can better decide whether surgery, therapy, or rehabilitation is most appropriate for improving mobility or quality of life.

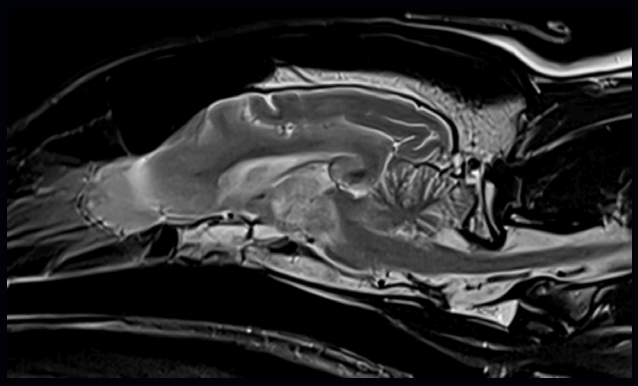


Courtesy of CVS Lumbry Park
MAGNETOM Flow. Platform (60), Study ID 1aaaa5970

Detecting tumors at an early stage
Dog brain exam



T2 TSE tra
0.3 x 0.3 x 3 mm³
FOV 146 x 180 mm
TA 3:23 min



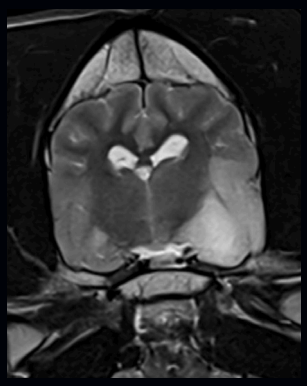
T2 TSE sag
0.3 x 0.3 x 3 mm³
FOV 146 x 180 mm
TA 3:03 min

T1 tra Pre
0.3 x 0.3 x 3 mm³
FOV 143 x 180 mm
TA 5:20 min

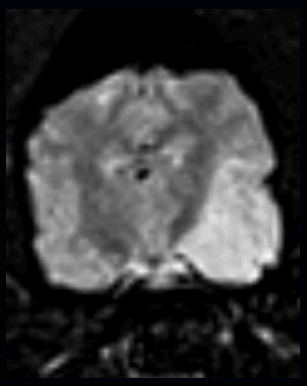
T1 tra Post
0.3 x 0.3 x 3 mm³
FOV 143 x 180 mm
TA 5:20 min

Courtesy of Animal Neurology Center,
S. Louis USA, Study ID: 7aaaa1235

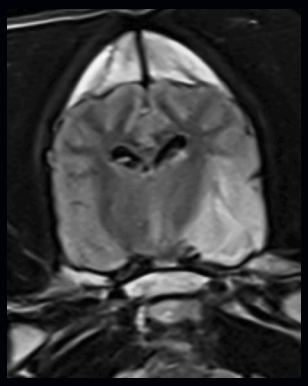
Identifying oedemas with confidence
Dog brain exam



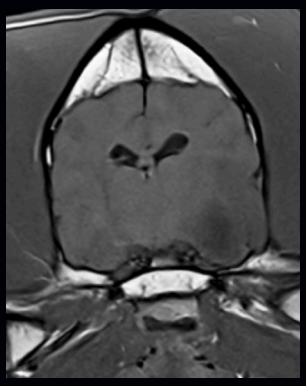
T2 TSE sag
0.3 x 0.3 x 3 mm³
FOV 146 x 180 mm
TA 3:03 min



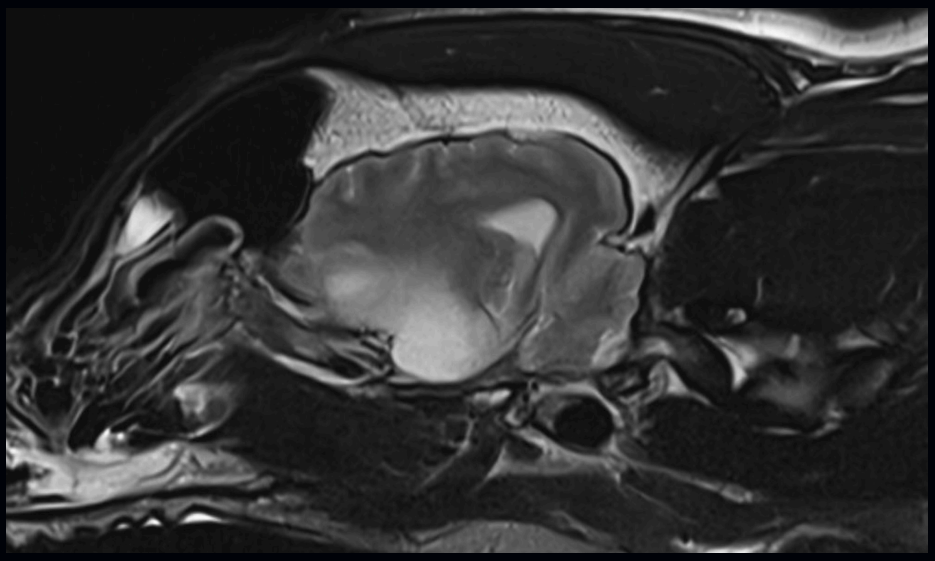
SWI tra
1.2 x 1.0 x 1.5 mm³
FOV 147 x 180 mm
TA 4:30 min



T2 tra Dark Fluid
0.5 x 0.4 x 3 mm³
FOV 145 x 180 mm
TA 2:24 min



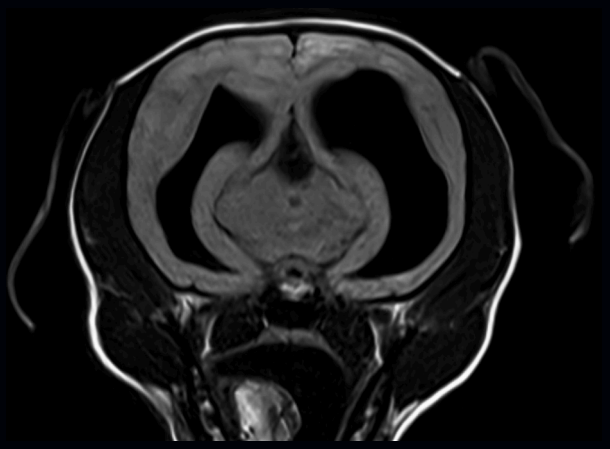
T1 tra
0.3 x 0.3 x 3 mm³
FOV 143 x 180 mm
TA 5:20 min



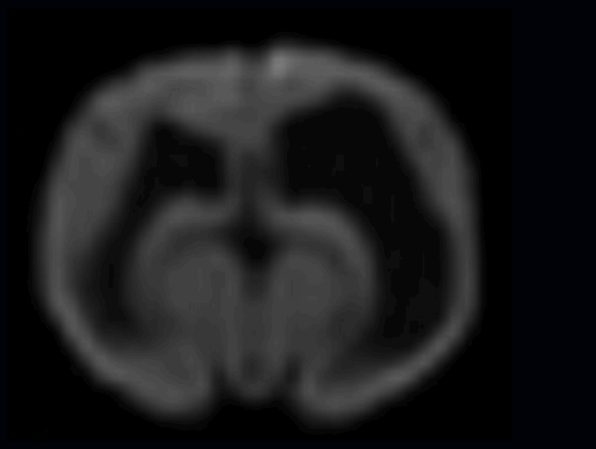
T2 TSE sag
0.3 x 0.3 x 3 mm³
FOV 146 x 180 mm
TA 3:03 min

Courtesy of Animal Neurology Center,
S. Louis USA, Study ID: 7aaaa1234

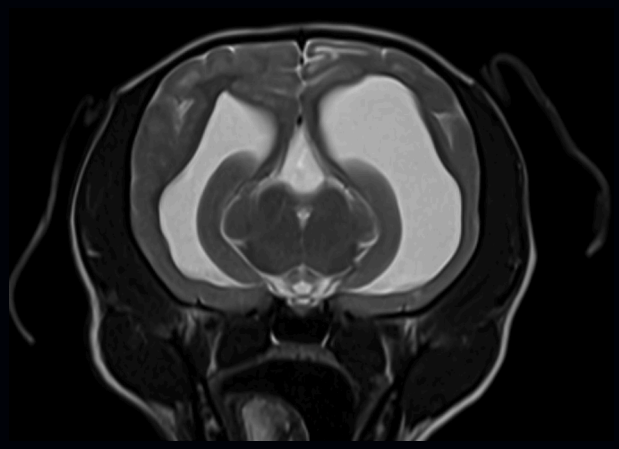
Uncovering neurological insights
2kg dog brain exam



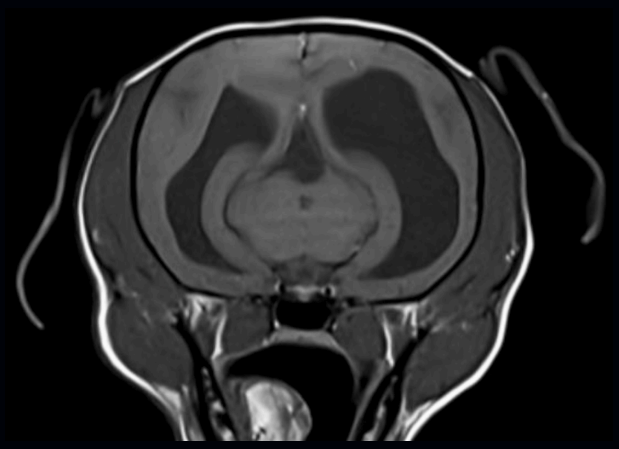
T2 Dark Fluid tra Deep Resolve
0.2 x 0.2 x 2.5 mm³
FOV 110 x 110 mm
TA 4:32 min



DWI tra
0.8 x 0.8 x 3 mm³
FOV 180 x 180 mm
TA 4:26 min



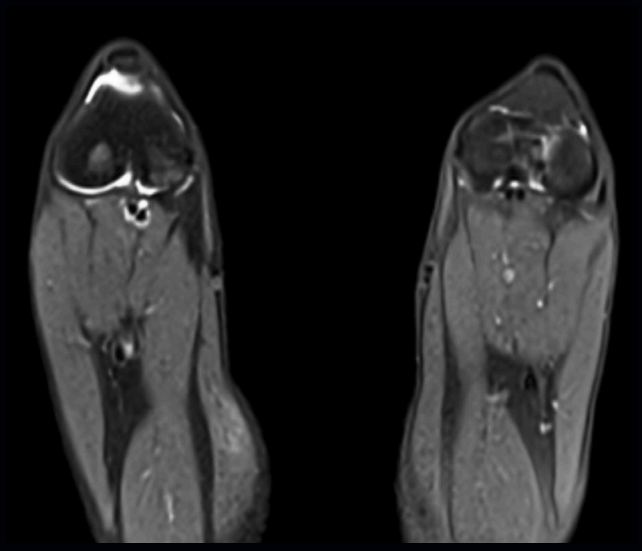
T2 TSE tra Deep Resolve
0.2 x 0.3 x 2.5 mm³
FOV 110 x 110 mm
TA 4:41 min



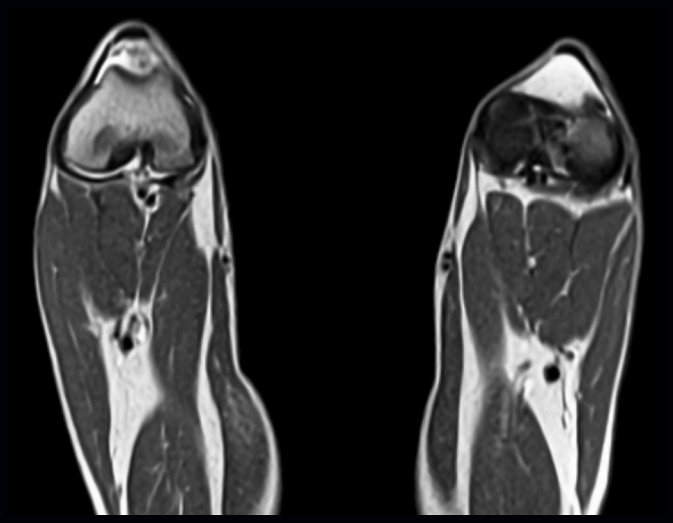
T1 TSE PC tra Deep Resolve
0.3 x 0.3 x 2.5 mm³
FOV 110 x 110 mm
TA 2:02 min

Courtesy of CVS Lumbry Park
MAGNETOM Flow. Platform (60), Study ID 1aaaa5970

Elevating orthopedic precision
12kg dog stifle exam



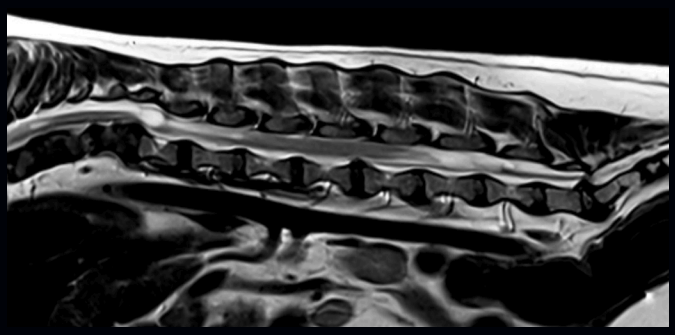
PD FS TSE tra
0.3 x 0.3 x 2.5 mm^3
FOV 200 x 170 mm
TA 3:00 min



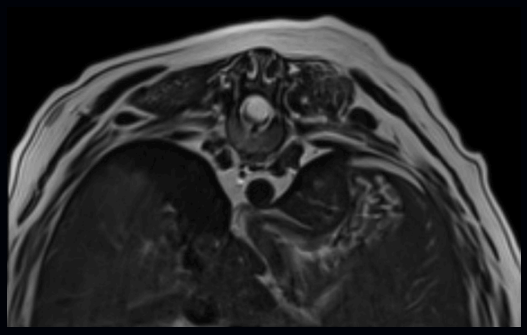
PD TSE tra
0.3 x 0.3 x 2.5 mm^3
FOV 200 x 170 mm
TA 3:08 min

Courtesy of Clinique le Cèdre
MAGNETOM Free.Max, Study ID 7aaaa0640

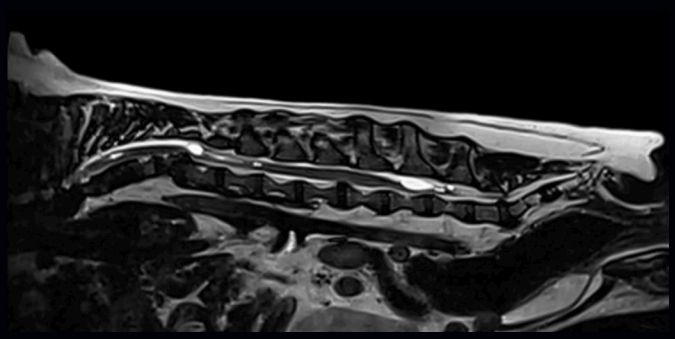
Discovering the intricacies of the spinal cord
8kg dog spine exam



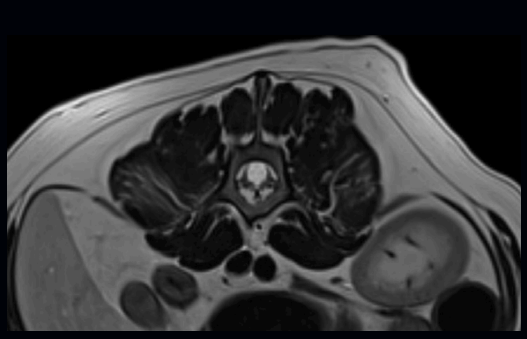
T2 TSE sag Deep Resolve
0.4 x 0.4 x 3 mm³
FOV 220 x 165 mm
TA 4:36 min



T2 TSE tra Deep Resolve
0.6 x 0.6 x 3 mm³
FOV 146 x 180 mm
TA 3:36 min



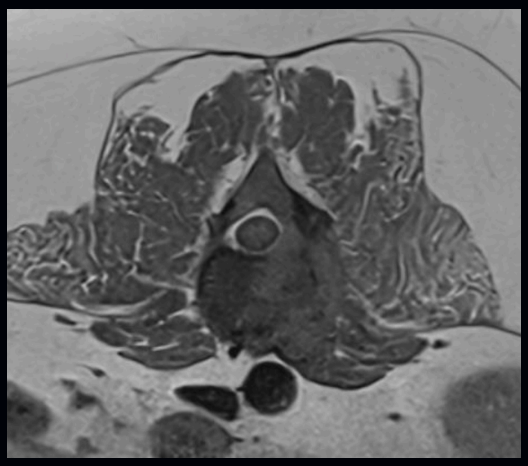
T2 SPACE
0.5 x 0.5 x 0.5 mm³
FOV 306 x 180 mm
TA 6:43 min



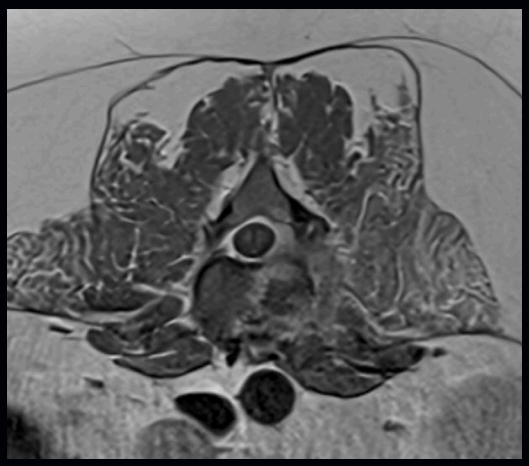
T2 TSE tra Deep Resolve
0.4 x 0.4 x 3 mm³
FOV 146 x 180 mm
TA 3:36 min

Courtesy of Animal Neurology Center St. Louis
MAGNETOM Free.Star, Study ID 7aaaa1049

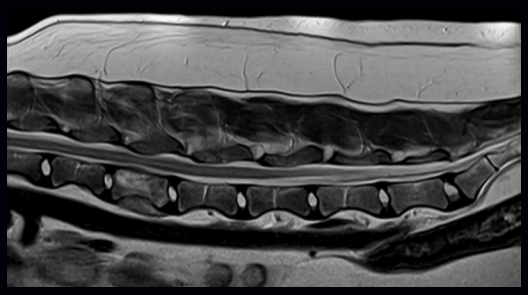
Identifying the intricacies of the spine
Dog spine exam



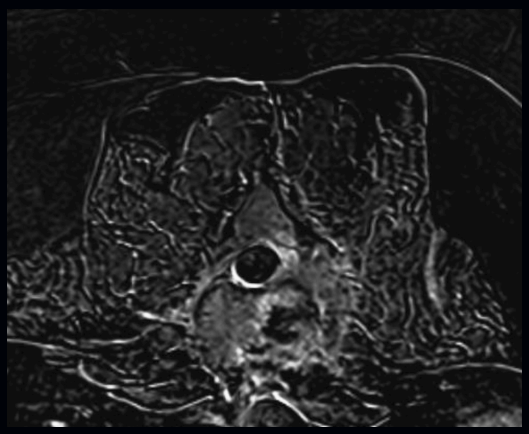
T1 TSE tra Pre
0.3 x 0.3 x 3 mm³
FOV 145 x 180 mm
TA 2:02 min



T1 TSE tra Post
0.3 x 0.3 x 3 mm³
FOV 145 x 180 mm
TA 2:02 min



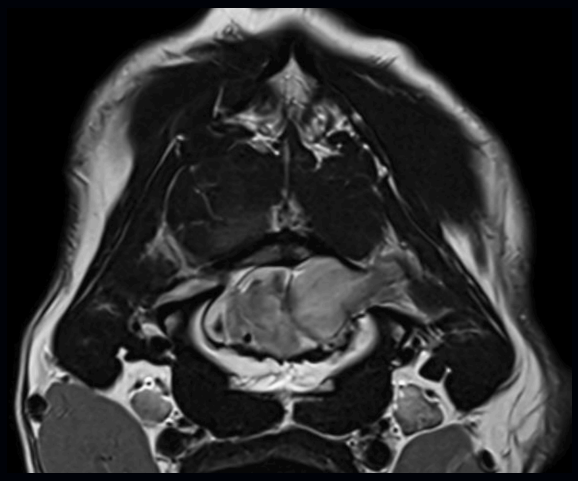
T2 sag Spine
0.5 x 0.4 x 3 mm³
FOV 180 x 240 mm
TA 4:36 min



T1 TSE tra Subtraction
0.3 x 0.3 x 3 mm³
FOV 145 x 180 mm
TA 2:02 min

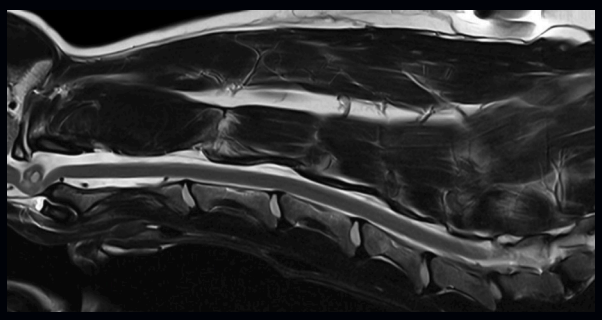
MAGNETOM Free.Star Study ID: 7aaaa1233

Visualizing cord lesions
Dog C-spine exam



T2 tra
0.3 x 0.3 x 2.5 mm³
FOV 137 x 180 mm
TA 1:26 min

T1 TSE tra Post Con
0.3 x 0.2 x 2.5 mm³
FOV 164 x 180 mm
TA 4:06 min

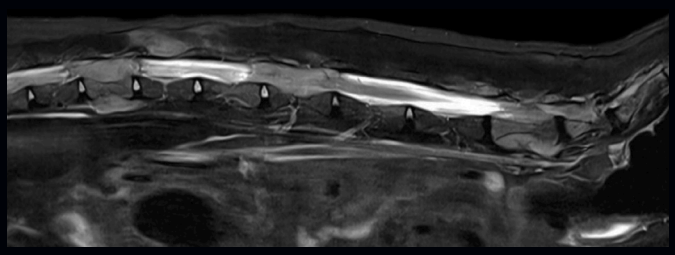


T2 TSE sag Spine
0.3 x 0.3 x 2.5 mm³
FOV 211 x 260 mm
TA 2:44 min

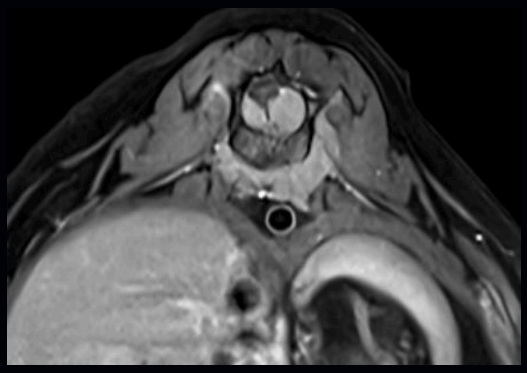
T1 tra fs
0.3 x 0.2 x 2.5 mm³
FOV 164 x 180 mm
TA 3:38 min

Courtesy of Animal Neurology Center, St. Louis USA, Study ID: 1aaaa6717

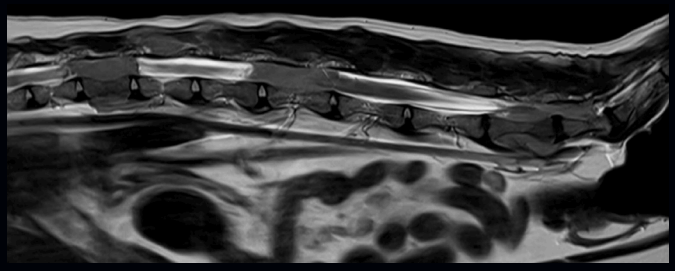
Detecting lesions
Dog spine exam



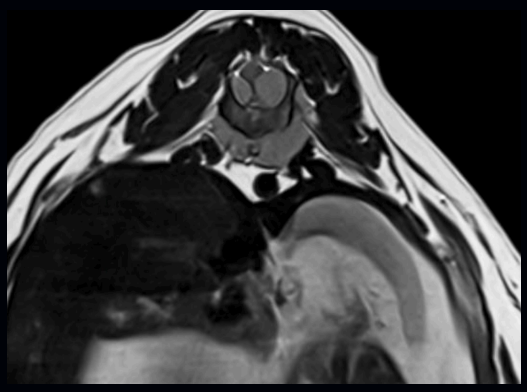
T2 Stir sag
0.3 x 0.3 x 3 mm³
FOV 151 x 220 mm
TA 2:20 min



T1 TSE tra FS
0.3 x 0.3 x 2.5 mm³
FOV 146 x 180 mm
TA 3:30 min



T2 TSE sag
0.3 x 0.2 x 2.5 mm³
FOV 179 x 220 mm
TA 3:20 min



T2 TSE tra
0.3 x 0.3 x 2.5 mm³
FOV 137 x 180 mm
TA 2:11 min

MAGNETOM Flow.Ace
Study ID: 1aaaa6719

Discover MAGNETOM World

Stay up to date with the latest developments from our global user community and learn how advanced MRI diagnostics in veterinary medicine can help meet pet owner expectations.

MAGNETOM World

Siemens MAGNETOM products have been designed and tested only for use on humans. None of these products are intended to be used for veterinary purposes.

1 The protocols provided are based on customer use-cases.

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