



PATIENT

Donatella Defeo

SPECIES

Canine

BREED

Beagle

SEX

FS

AGE

3 Years, 4 Months

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

South Bay Animal
Hospital

REFERRING VET

Ravinder Atwal, DVM,
CCRP

PRESENTING CLINICAL SIGNS

Patient presented for a second opinion regarding neurological status. Patient was diagnosed with suspected GME and sent home on Gabapentin & Tramadol PO. No CP deficits noted on PE yesterday (03/31), but CP deficits x 4 on PE at other ER last Sunday and on 3/30. Suspected herniation at C2/3 with radiographs showing in situ mineralization of the C2-3 and C7-T1 intervertebral discs and narrowing of the C2-3 space.
Abnormal PE/Chem/CBC/UA Results: WNL, NSF

MAGNETIC RESONANCE IMAGING OF THE CERVICAL&THORACIC SPINE

STIR, T2 & T1 weighted pre- and post-gadolinium sequence in multiple imaging planes are provided for review.

MAGNETIC RESONANCE IMAGING FINDINGS

Level with the intervertebral disc space C2/C3, hypointense, mushroom shaped material is bulging into the vertebral canal, occupying approximately up to 50% of the cross-sectional area of the vertebral canal at the same level. The spinal cord level C2/C3 is displaced dorsally and distorted.

The intervertebral discs T9/T10, T11/T12 and T12/T13 are mildly protruding into the vertebral canal, distorting the ventral epidural space at the same level.

The intervertebral discs along the cervical, thoracic and lumbar spine present a loss of the in fluid sensitive sequences hyperintense signal of the nucleus pulposus.

The thoracic & lumbar spine present without additional abnormalities.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Intervertebral disc extrusion C2/C3 with compressive myelopathy
- Mild intervertebral disc protrusion T9/T10, T11/T12 and T12/T13 without compressive myelopathy
- Generalized degenerative disc disease along the cervical, thoracic & lumbar spine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The intervertebral disc extrusion C2/C3 is a plausible explanation for the described clinical signs and surgical decompression appears beneficial.

INVOICE

51303

DATE

4-1-22



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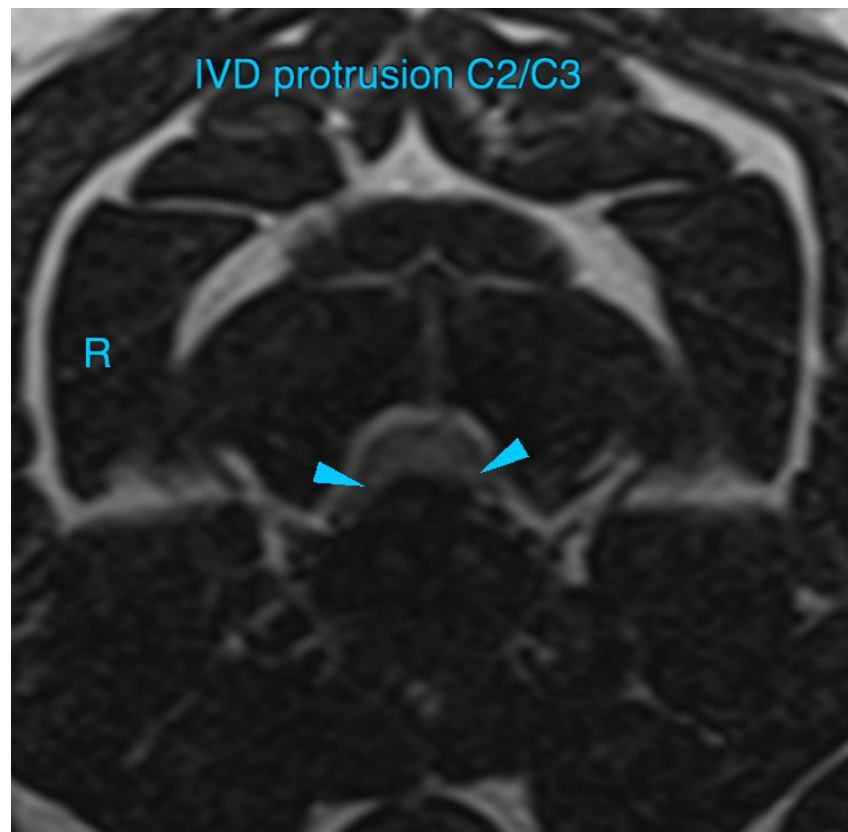
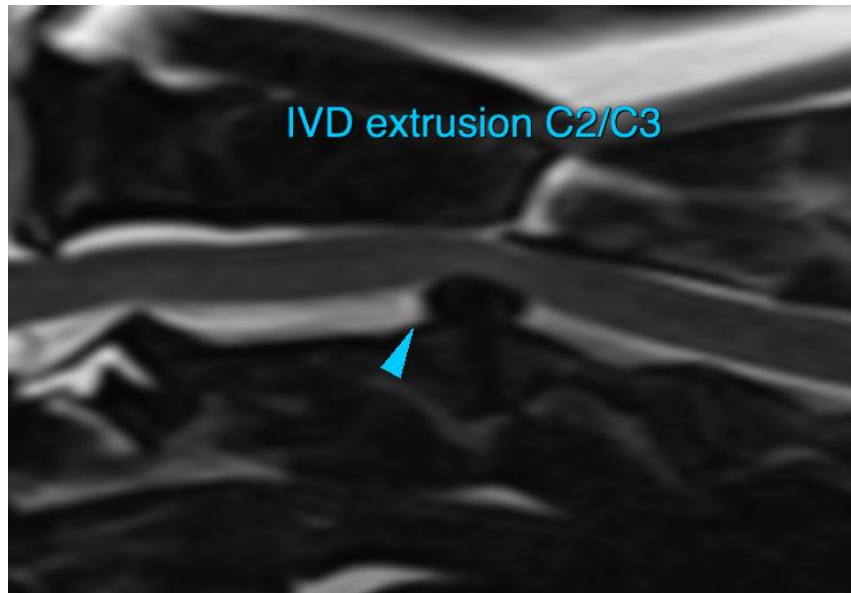
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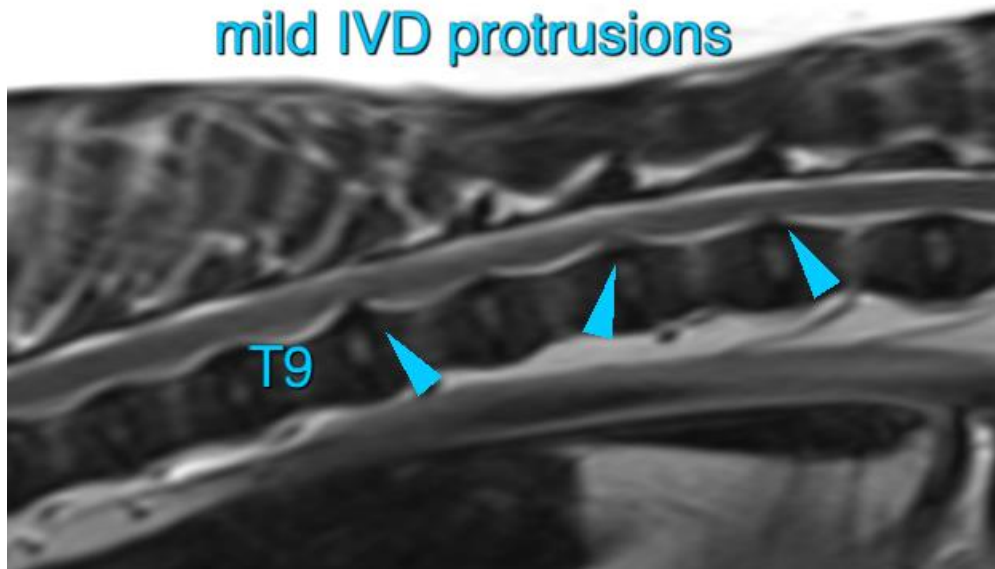
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mild IVD protrusions



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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