



PATIENT

Apollo Miranda

SPECIES

Canine

BREED

Malamute Mix

SEX

Male Intact

AGE

11 Years, 2 Days

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

South Bay Animal
Hospital

REFERRING VET

Ravinder Atwal, DVM,
CCRP

INVOICE

49966

DATE

1-31-22

PRESENTING CLINICAL SIGNS

Tetraparetic & previously seen at MedVet but needs advanced imaging +/- surgery. At presentation, quadriplegic, unable to coordinate standing. CP absent x 4 paws, Superficial and deep pain perception present on all 4. Cutaneous trunci reflex present, anal tone present, no bladder control, leaks urine. Signs started on 1/15 with unable to walk but was gradual in onset, no known trauma or injury. Treated with PO Gabapentin, Meloxicam and Methocarbamol at MedVet with no change in clinical signs.
Abnormal PE/Chem/CBC/UA Results: WNL, NSF

MAGNETIC RESONANCE IMAGING STUDY OF THE CERVICAL SPINE

T2-STIR and T1-plain and post contrast studies available for review.

MAGNETIC RESONANCE IMAGING FINDINGS

Reduced intervertebral disc space width, mild STIR hyperintensity of the vertebral end plates, and moderate to severe intervertebral disc protrusion are seen between C5 and C6. There is dorsal deviation of the spinal cord. The ventral and dorsal csf space is compressed. There is mild compression of the spinal cord with mild regional hyperintensity of the neuroparenchyma. Mild bilateral hypertrophy of the vertebral facets is seen and the vertebral roof of C6 presents mild ventralization reducing the height of the vertebral canal from a dorsal aspect.

The intervertebral disc space C4/5 is moderately reduced in width. The vertebral end plates present sclerosis. Mild intervertebral disc protrusion with mild dorsal deviation of the spinal cord is seen.

Both C4/5 and C5/6 present ventral spondylosis deformans.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Disc associated caudocervical spondylomyelopathy with moderate chronic spinal cord compression between C5 and C6 and mild spinal compression between C4 and C5.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MRI study reveals caudocervical spondylomyelopathy with disc associated chronic spinal cord compression between C5 and C6. The hyperintense spinal cord signal may reflect edema or emerging gliosis. The degree of compression is mild at C4/5, at this time.



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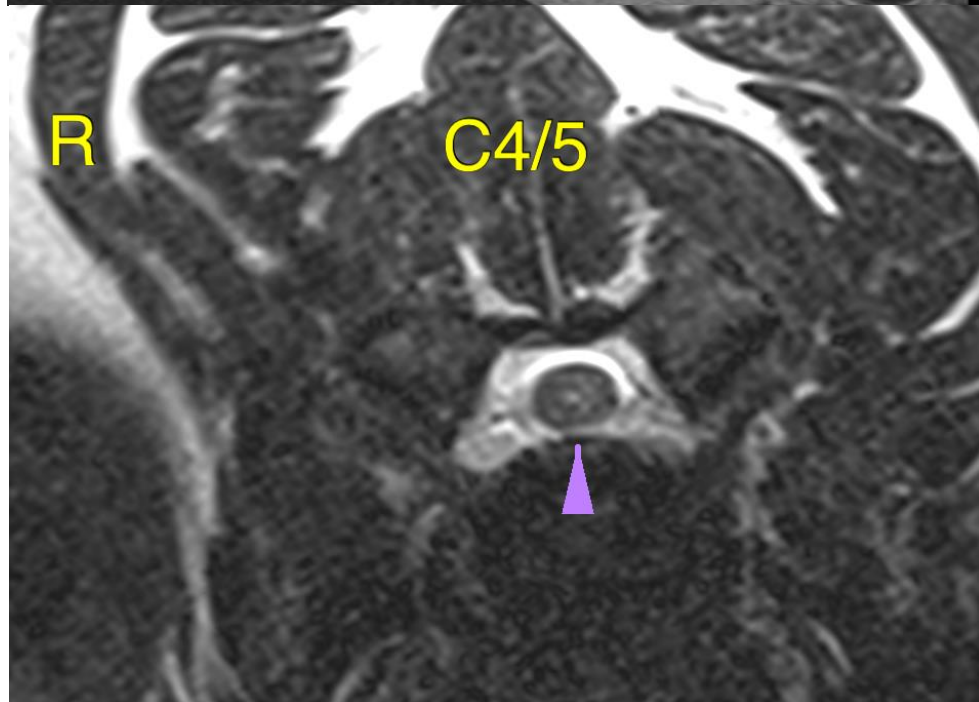
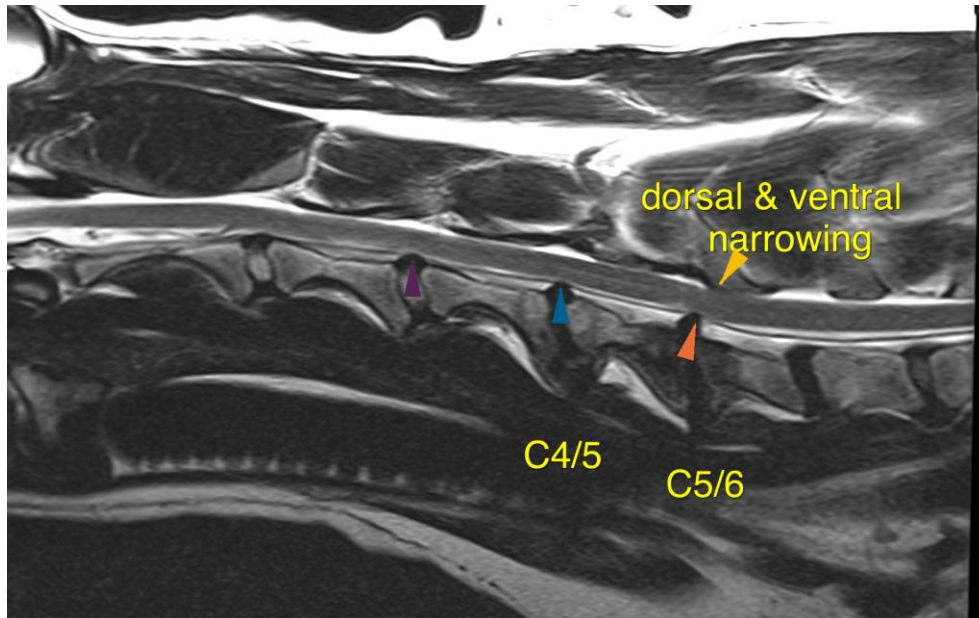
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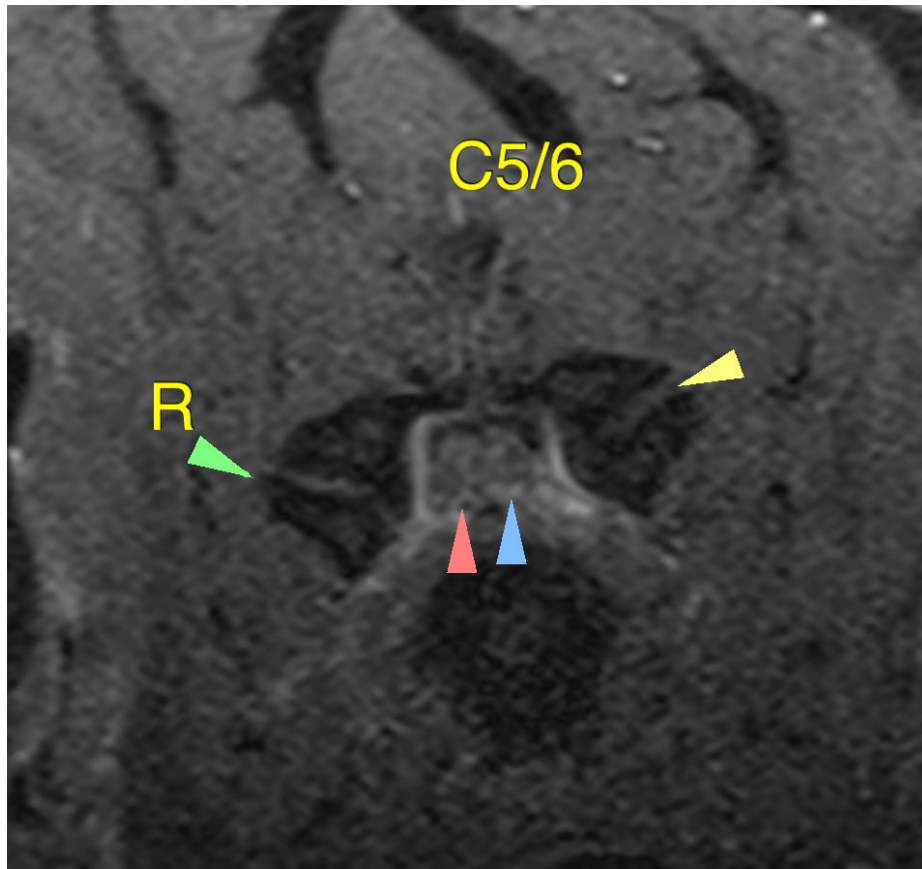
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
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