



PATIENT

Beau Minke

PRESENTING CLINICAL SIGNS

Patient presented for a second opinion regarding neurological status. Five days acute onset of pain progressed to spinal pain and ambulatory paraparesis. Treated on carprofen and gabapentin with no improvement by rDVM. Neurologic exam: Mental status: normal Gait: ambulatory paraparesis Proprioception: delayed proprioception both hind legs Cranial nerves: normal Spinal reflexes: normal Spinal pain: tense on spinal palpation Rest of neuro-exam normal Neuroanatomical Localization: Lower TL spine Rule Outs: disc herniation, inflammatory, neoplasia less likely Abnormal PE/Chem/CBC/UA Results: NSF, WNL

SPECIES

Canine

BREED

French Bulldog

MAGNETIC RESONANCE IMAGING STUDY OF THE THORACOLUMBAR SPINE

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

SEX

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MAGNETIC RESONANCE IMAGING FINDINGS

There is moderate collapse of the intervertebral disc space L4/5 with extrusion of heterogeneously hypointense disc material into the ventral epidural space. The extrusion presents cranial migration within the ventral epidural space over the length of the L4 vertebra and slightly shifted towards the right of the midline.

AGE

4 Years, 11 Months

Moderate dorsal and leftward deviation and compression of the terminal filum of the spinal cord as well as the cranial aspect of the cauda equina nerve roots is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

All visible discs present varying degree of loss of their nucleus pulposus signal in fluid sensitive sequences.

There is mild T13/L1 protrusion.

T5 and T7 are wedge shaped hemivertebrae with mild kyphosis and scoliosis in the mid thoracic segment.

HOSPITAL NAME

South Bay Animal
Hospital

There is a moderate amount of gallbladder sludge noted.

One lymph node in the epigastrium is prominent.

REFERRING VET

Ravinder Atwal, DVM,
CCRP

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Acute compressive disc extrusion within the lumbar spine at L4/5.
- Mild chronic intervertebral disc protrusion T13/L1.
- Congenital vertebral malformation with mild kyphoscoliosis in the mid thoracic spine.
- Gallbladder sludge.
- Single epigastric lymphadenomegaly - of undetermined origin.

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MRI study reveals an acute moderately compressive disc extrusion at L4/5. The extruded material presents cranial migration and is situated to the right of the midline.

DATE

10-11-21

Moderate dorsal deviation and compression of the terminal filum of the spinal cord and cranial



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aspect of the cauda equina is seen. Surgical decompression could be considered depending on the clinical correlation.

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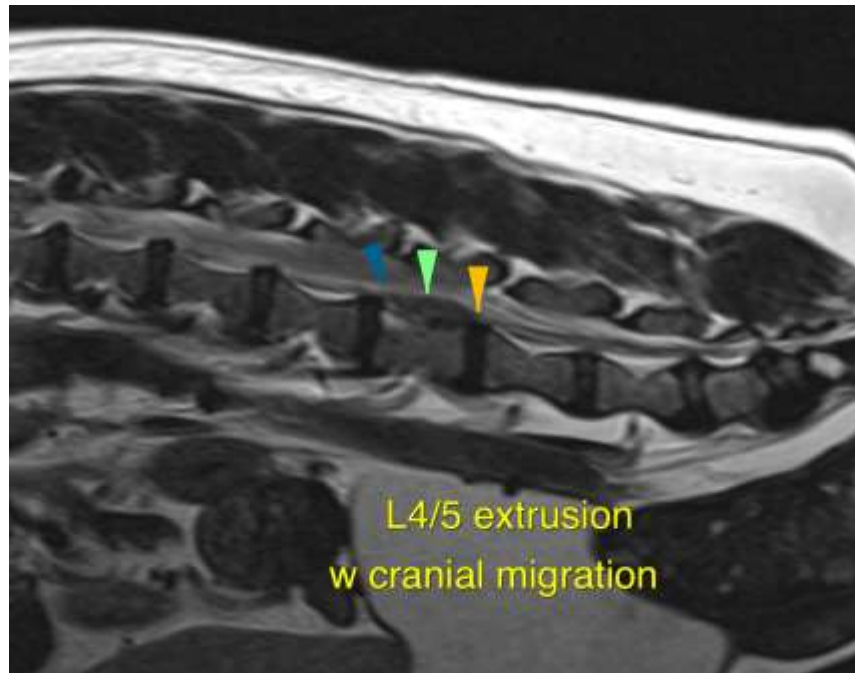
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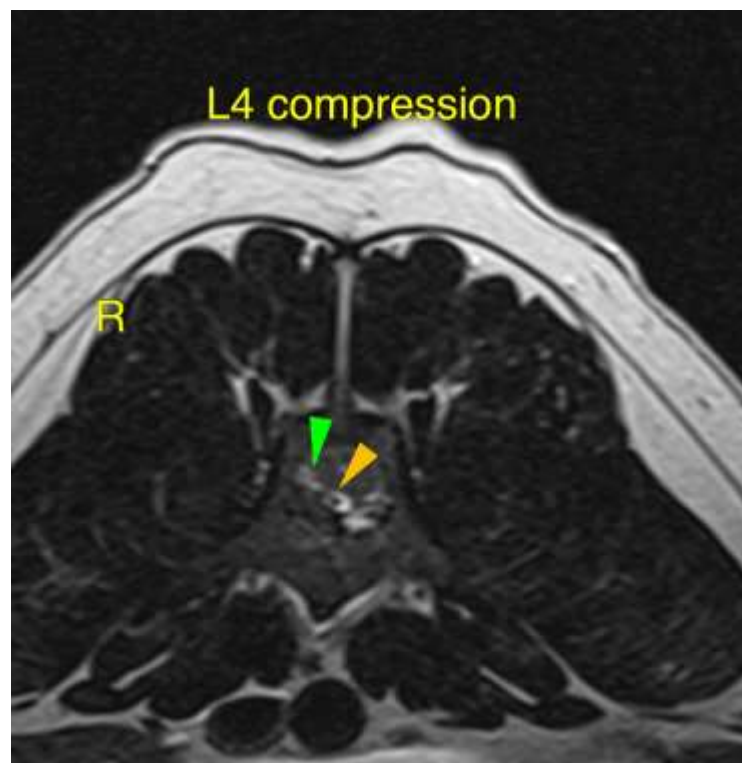
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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