



PATIENT PRESENTING CLINICAL SIGNS

Kylian Alvarez Acute paraparesis hind limbs, CP deficits hind limbs and deep pain is present.
Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- unremarkable

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL, THORACIC, & LUMBAR SPINE

Canine Plain and post contrast studies available for review. The post-contrast study shows intravenous contrast. There appears to be faint intrathecal contrast as well.

BREED COMPUTED TOMOGRAPHIC FINDINGS

French Bulldog Extrusion of isoattenuating intervertebral disc material is seen between L1 and L2. The extruded material is situated in the right and ventral epidural space and occupies approximately 30% of the vertebral canal's cross sectional area at the same level. Mild right neuroforaminal extension is noted. The material presents moderate cranial and caudal migration. The spinal cord is moderately compressed and deviated in a left and dorsal direction.

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Multiple congenital vertebral malformation is present at T12, T11, T10, T9, T6, and the 1st sacral vertebra is a butterfly vertebra with an incomplete ventral split as well.

AGE

3 Years

Mild kyphosis, scoliosis, and vertebral canal stenosis are noted in the mid and caudal thoracic spine.

Mild spondylosis deformans is present between C6/7.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Multiple intervertebral discs present chondroid degeneration with mineralizing foci of their nucleus pulposus.

Mild intervertebral disc protrusions are present between L5/6, L6/7, and L7/S1.

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Both tympanic bullae are narrow and contain hypoattenuating contrast negative material.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Presumably acute moderately compressive intervertebral disc extrusion in the right ventral epidural space between L1 and L2.
- Multiple congenital vertebral malformation with thoracic kyphosis, scoliosis, and stenosis.
- Mild chronic intervertebral disc protrusions L5/6, L6/7, L7/S1.
- Disseminated chondroid disc degeneration.
- Bilateral primary secretory otitis media secondary to brachycephalic auditory canal stenosis.

REFERRING VET

Dr. H. Martinez, DVM

INVOICE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The CT study suggests presence of a moderately compressive disc extrusion in the cranial lumbar spine between L1 and L2. The extrusion is mainly to the right of the midline and both cranial and caudal migration of the extruded material with epidural hemorrhage appears to be present.

DATE

3-15-23

Decompressive surgery could be considered depending on the severity and duration of the clinical signs.



PATIENT

Kylian Alvarez

SPECIES

Canine

BREED

French Bulldog

SEX

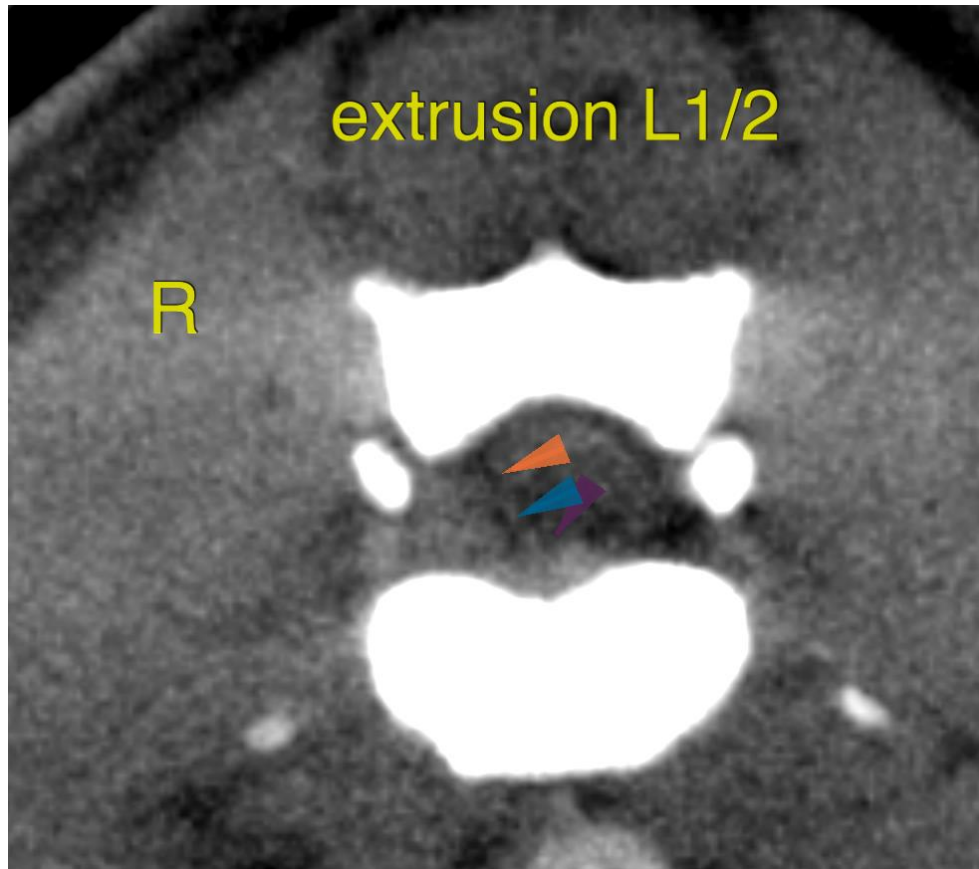
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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