



PATIENT PRESENTING CLINICAL SIGNS

Izzy Cuneo Chronic neck pain, now showing root signature pain on Right forelimb.

COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL SPINE

SPECIES

Plain and post IV contrast studies available for review.

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Number and general anatomy of the cervical vertebrae present within normal limits.

Black Mouth Cur Mix

Severe intervertebral disc space collapse and extrusion of well delineated mineral attenuating material is seen level with C3/4. The extruded material is situated in a sagittal midline position level with the intervertebral disc space. Approximately 40% of the vertebral canal's cross sectional area is occupied by the extruded material. Dorsal and lateral deviation of the spinal cord is assumed.

SEX

Spayed Female

Moderate intervertebral disc space collapse and vertebral end plate remodeling are seen between C5 and C6. The intervertebral disc C5/6 appears to protrude into the ventral epidural space of the vertebral canal. Ventral flattening of the dural tube is seen.

AGE

10 Years

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mineral attenuating intervertebral disc extrusion with severe compressive myelopathy C3/4.
- Mild to moderate chronic intervertebral disc protrusion C5/6.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals two sites of intervertebral disc hernia with compressive myelopathy. Severe compressive myelopathy has to be assumed to be associated with the extrusion at C3/4. Based on the organized appearance of the extruded mineral attenuating material, this may represent a chronic extrusion.

HOSPITAL NAME

Mobile Pet Imaging

The disc hernia at C5/6 is likely to represent chronic extrusion as well; however, acute on chronic events cannot be ruled out entirely and clinical correlation is required.

An MRI could be considered for further definition at some point in case of persisting or deteriorating clinical signs.

REFERRING VET

Meaux

INVOICE

51761

DATE

4-26-22



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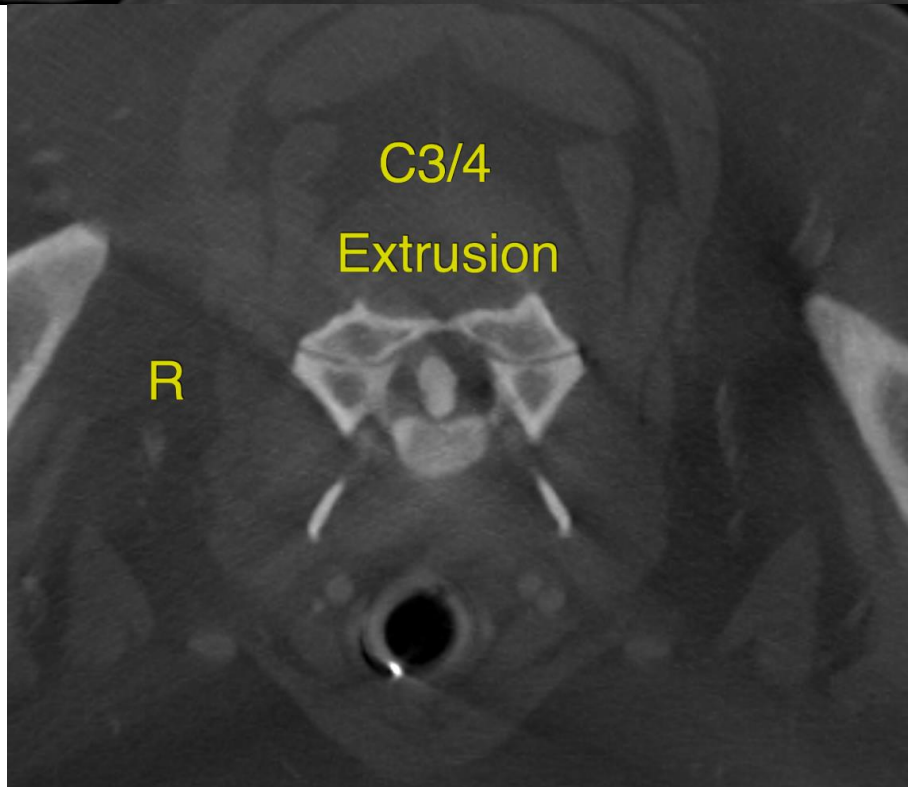
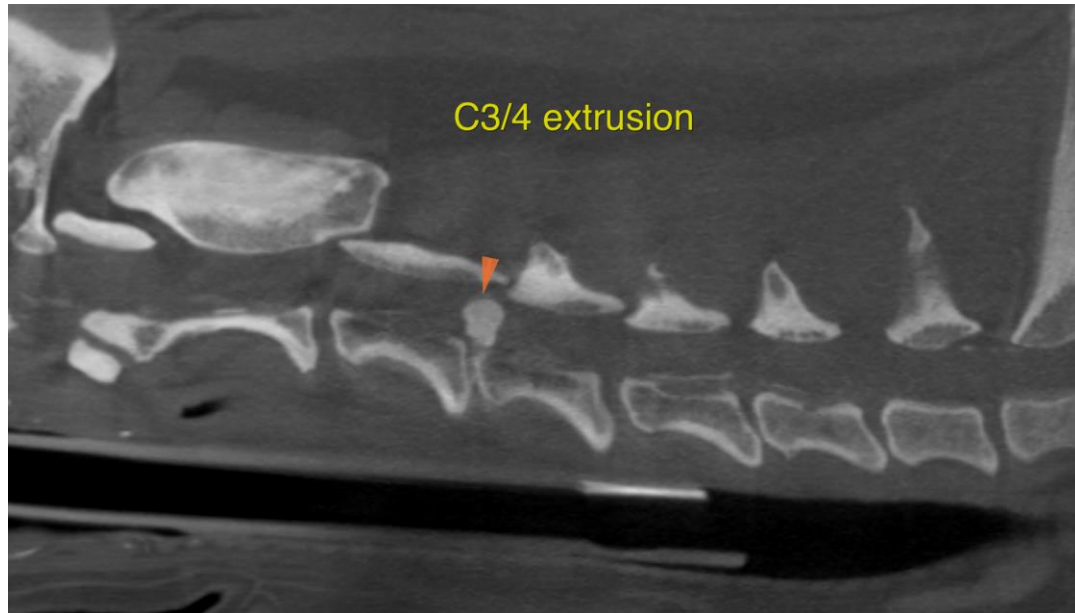
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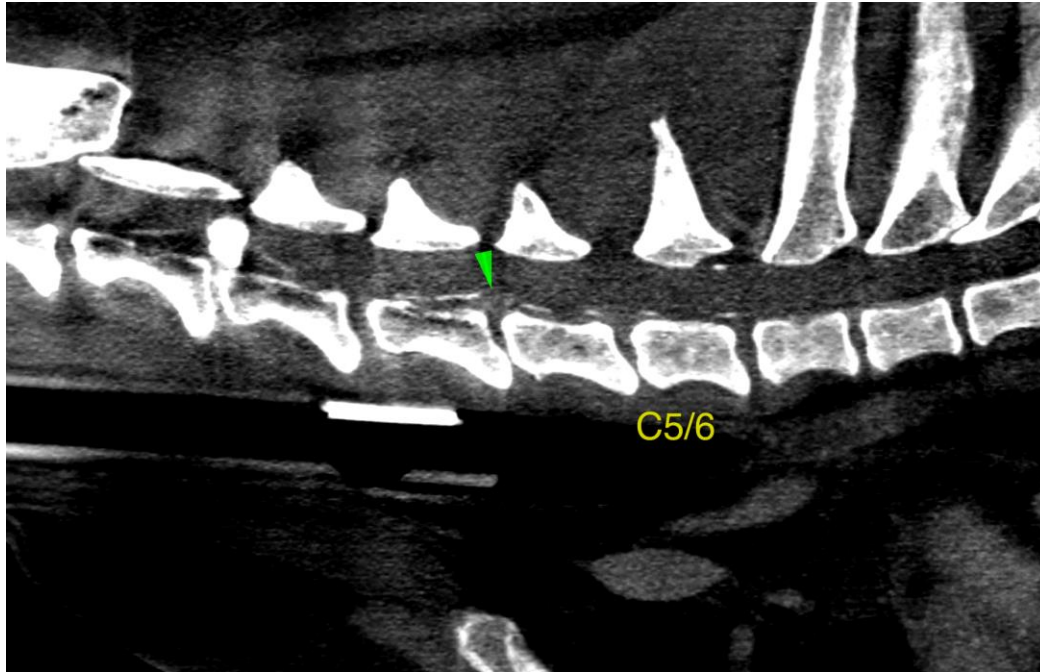
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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DipECVDI

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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