



PATIENT

Rocky Maldonado

PRESENTING CLINICAL SIGNS

Acue neck pain. Quadraplegic, CP deficits in all 4 limbs. Weak withdrawal in all 4. Deep pain present in all 4. Pain on manipulation of neck and cranial thoracic vertebrae. Cranial nerves intact. No know trauma. Radiograph report: The C3-C4 intervertebral disc space is narrowed. The remainder of the spine seem within normal limits. The thorax is within normal limits (the cardiovascular structures, the pulmonary structures, the pleural/mediastinal structures, the trachea and bronchi and the skeletal structures). The abdomen is within normal limits (including the liver, the spleen, the urogenital and gastrointestinal tracts, the peritoneal and retroperitoneal spaces and the skeletal structures). A urethral catheter is in place.

SPECIES

Canine

BREED

Mixed

Abnormal PE/Chem/CBC/UA Results: PE prior to CT: lateral recumbent but alert.

SEX

Male Neutered

COMPUTED TOMOGRAPHY OF THE CERVICAL& THORAC SPINE

A high resolution plain and myelographic CT study of the cervical & thoracic spine is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The intervertebral disc spaces C3/C4 presents a mild v-shaped narrowing.

AGE

7 Years

Post intrathecal contrast administration the contrast column is fading out over the cranial segment of the cervical spine. Level with the intervertebral disc space C3/C4, convex shaped isoattenuating extradural material is attenuating the ventral contrast column at the same level. The convex shaped isoattenuating material is extending predominately caudally over the cranial third of the vertebral body of C4 and cranially up to the level of the caudal vertebral endplate of C3.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

No contrast can be appreciated cranial to C3/C4.

HOSPITAL NAME

Mobile Pet Imaging

The intervertebral disc C4/C5 is mildly protruding into the vertebral canal.

No additional abnormalities are appreciated.

REFERRING VET

Meaux

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Extradural spinal cord compression C3/C4
- Mild intervertebral disc protrusion C4/C5 without compressive myelopathy

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The extradural spinal cord compression C3/C4 is compatible with intervertebral disc extrusion/hydrated acute nucleus pulposus extrusion. The finding is a potential explanation for the clinical signs and surgical decompression appears beneficial.

DATE

10-28-21

As contrast flow stops level C3/C4 no statement can be made about the more cranial locations of the cervical spine.



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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.

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
sebast.schaub@gmail.com