



PATIENT

Willow McClure

PRESENTING CLINICAL SIGNS

Presented for not walking and very painful. Ambulatory, toe touching lame RF, Cried out in pain when manipulating neck. Pitting edema lateral left elbow. Radiographs narrowed disc space C3-C4, soft tissue swelling lateral left antebrachium. Severe pain and forelimb swelling.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE FORELIMBS, CERVICAL, & THORACIC SPINE

Pre/post contrast studies provided for review.

BREED

Hound

COMPUTED TOMOGRAPHIC FINDINGS

Both elbows present severe osteoarthritis.

SEX

Spayed Female

Presented bony structures of the spine are unremarkable with an inconspicuous harmonic atlanto-occipital and -axial transition. The caudal section of the cervical spine shows a narrowed spinal canal.

AGE

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Vertebral bodies are of regular density without signs of a lytic or sclerotic process. There is no evidence of a fracture and/or sub-/luxation.

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

The intervertebral disc spaces reveal narrowing at the level of C3/4. There is a severe, medial to left- and right-lateral disc herniation recognized with assumed compression of the spinal cord. All other discs present mild protrusions without compelling evidence of a spinal cord/nerve root compression.

Paravertebral soft tissues are bilaterally symmetrical.

HOSPITAL NAME

Aloha Pet & Bird
Hospital

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Disc herniation C3/4: medial to left- and right-lateral with spinal cord compression, disc material is located at the level of and mildly caudal to the intervertebral disc space
- Multiple mild protrusions cervical spine
- Narrowing of the spinal canal caudal cervical spine
- Bilateral severe osteoarthritis elbows

REFERRING VET

Rivera

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spinal cord compression caused by severe disc herniation at C3/4 is recognized. The material is mildly caudally distributed. Right sided compression in the exit zone of the nerve root is likely. This finding does reflect the clinical symptoms and decompressive surgery (ventral slot) should be considered.

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The multiple mild protrusions indicate chronic and degenerative disc disease which potentially could herniate in the future. The narrowing of the spinal canal is an indirect sign for cervical



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spondylomyelopathy from a CT perspective and must be correlated with the clinical presentation.

Osteoarthritis of both elbows is severe but however an incidental finding in this case.

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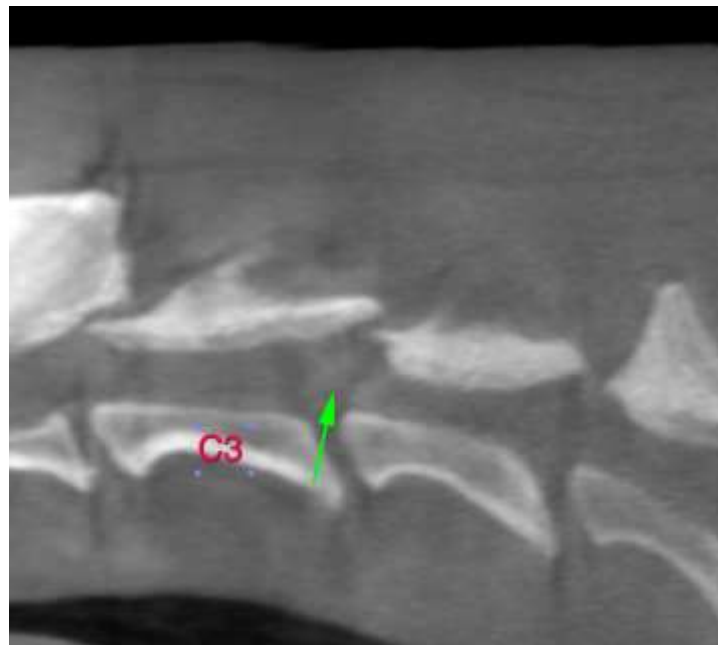
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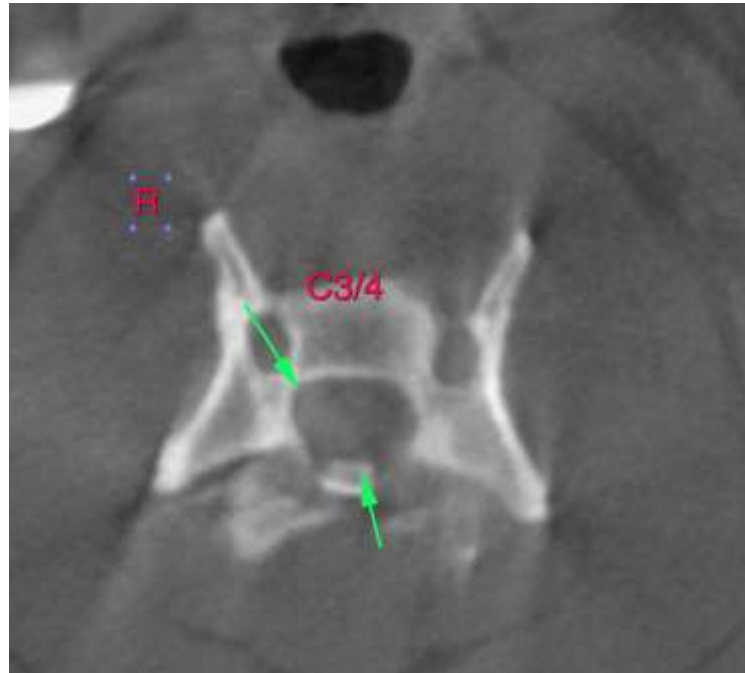
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

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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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
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