



PATIENT

Cole Schanstra

SPECIES

Canine

BREED

Mixed

SEX

MN

AGE

12

WEIGHT

27

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

David

HOSPITAL NAME

Animal Surgical Center
- Oceanside

REFERRING VET

Kam

INVOICE

73271

DATE

1-12-26

PRESENTING CLINICAL SIGNS

Monoparesis left pelvic limb, decrease CP on left hind limb Alert/appropriate, CN deficits, no neck/back pain weight bearing lameness on left hind limb. decreased muscle tone on left hind limb. joint effusion and mild tibia compression test on left stifle

COMPUTED TOMOGRAPHY OF THE LUMBAR SPINE AND PELVIS

A high resolution pre- and post-contrast CT study of the lumbar spine and pelvis is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Along the lumbar spine, multifocal spondylosis formation is seen. The intervertebral disc space L3/L4 is moderately narrowed.

The dural tube along the lumbar spine presents mild peripheral mineralization.

In the left lateral and ventral paravertebral region, level L7/S1, a granular mineralizing and mild irregular contrast enhancing mass is seen - blending with the left iliopsoas muscle at the same level. The mineralizing paravertebral mass is protruding through the left neuroforamen L7/S1 into the vertebral canal; occupying approximately <10% of the cross-sectional area of the vertebral canal at the same level. The left neuroforamen L7/S1 is mildly widened. Along the left transverse process of L7, immature periosteal new bone formation is seen.

The osseous structures of the pelvis are within normal limits. Both coxofemoral joints present smooth osseous margins and congruent joint spaces.

The volume of the musculature of the left hind limb is moderately decreased.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass with dystrophic mineralization left paravertebral region L7/S1 with invasion of the vertebral canal via the left neuroforamen L7/S1 - secondary pressure erosion of the respective neuroforamen
- Secondary impingement of the left spinal nerve L7
- Disuse atrophy musculature left hind limb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The paravertebral mineralizing mass is a plausible explanation for the presenting clinical signs - due to compression of the left spinal nerve L7. Differential include chondrosarcoma, fibrosarcoma, perosseous osteosarcoma, other. FNA sampling/biopsy can be used for specification.



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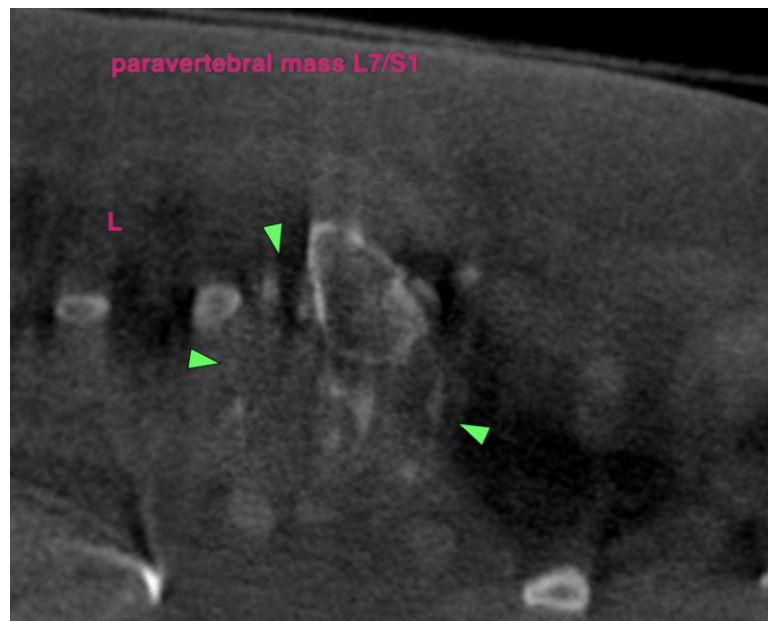
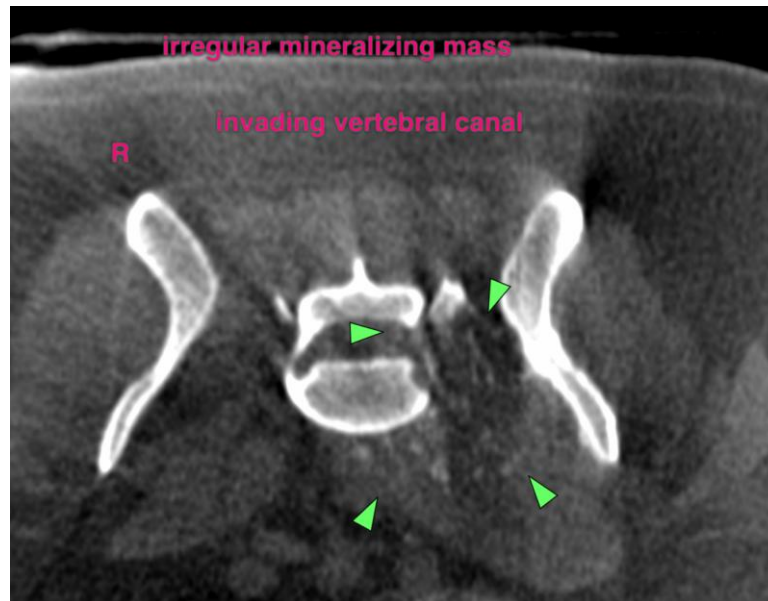
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com