



PATIENT

Willow Langhorn

PRESENTING CLINICAL SIGNS

acute onset HI weakness PE: Ambulatory x 4. Hind limb ataxia. CP deficits bilateral HL R > L CT reflex C/O at L3 right side

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE CEVICAL, THORACIC & LUMBAR SPINE

A high resolution plain CT study of the entire spine is provided for review.

BREED

French Bulldog

COMPUTED TOMOGRAPHIC FINDINGS

Level with the intervertebral disc space C2/C3, mineralized material is mildly protruding into the vertebral canal, distorting the ventral epidural space at the same level.

In the intervertebral disc spaces C3/C4 to C7/T1, mineralized material is appreciated.

A rudimentary rib is appreciated at the left transverse process of C7.

SEX

MI

T2 and T4 to T13 present as hemivertebra with multifocal moderate spondylosis formation.

The lumbosacral intervertebral disc is significantly protruding into the vertebral canal, occupying approximately up to 95% of the cross-sectional area of the vertebral canal at the same level.

AGE

4 Years

Multifocal mild spondylosis formation is seen along the lumbar spine.

The acetabular groove bilaterally is shallow, and the center of the femoral heads is lateral to the dorsal acetabular rim.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Degenerative lumbosacral stenosis with compression of the caudal equina fibers
- Mild intervertebral disc protrusion C2/C3 without compressive myelopathy
- Multiple hemivertebra along the thoracic spine – secondary kyphosis caudal thoracic spine
- Multifocal chondroid disc degeneration cervical spine
- Hip dysplasia
- Spondylosis deformans

HOSPITAL NAME

Animal Surgical Center

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Animal Surgical Center

The CT study presents no specific abnormality, explaining the acute neurological deficits in the hind limbs, however, extrusion of isoattenuating material, acute non-compressive nucleus pulposus extrusion or ischemic myelopathy are considerations. Depending on clinical development of clinical signs, complementing workup by a myelographic CT study or MRI study appears beneficial.

INVOICE

52494

The degenerative lumbosacral stenosis is considered incidental at this point and is unlikely to be related with the described T3-L3 myelopathy.

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6-17-22



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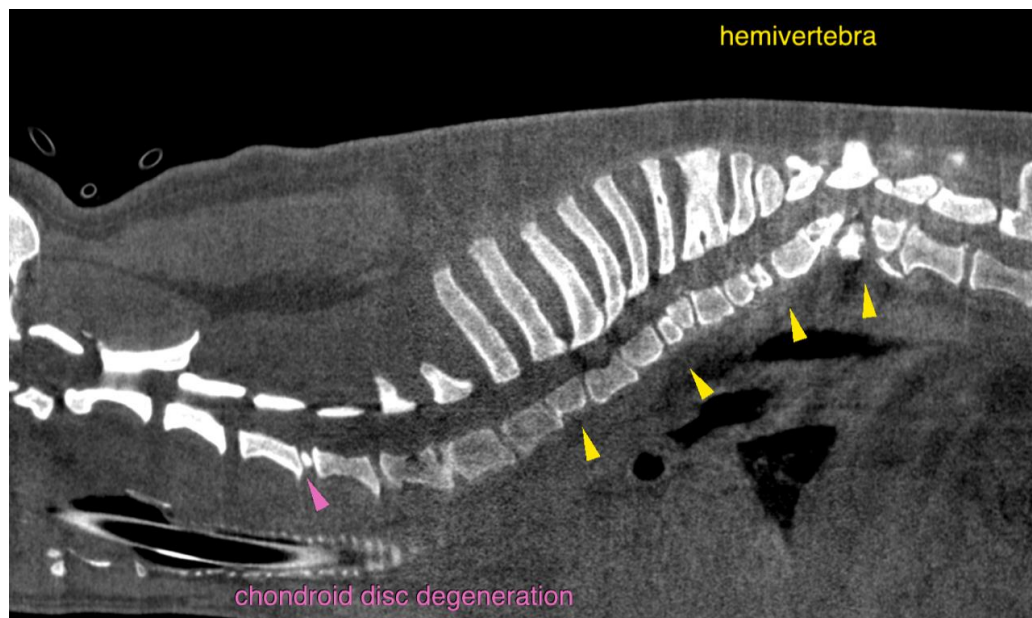
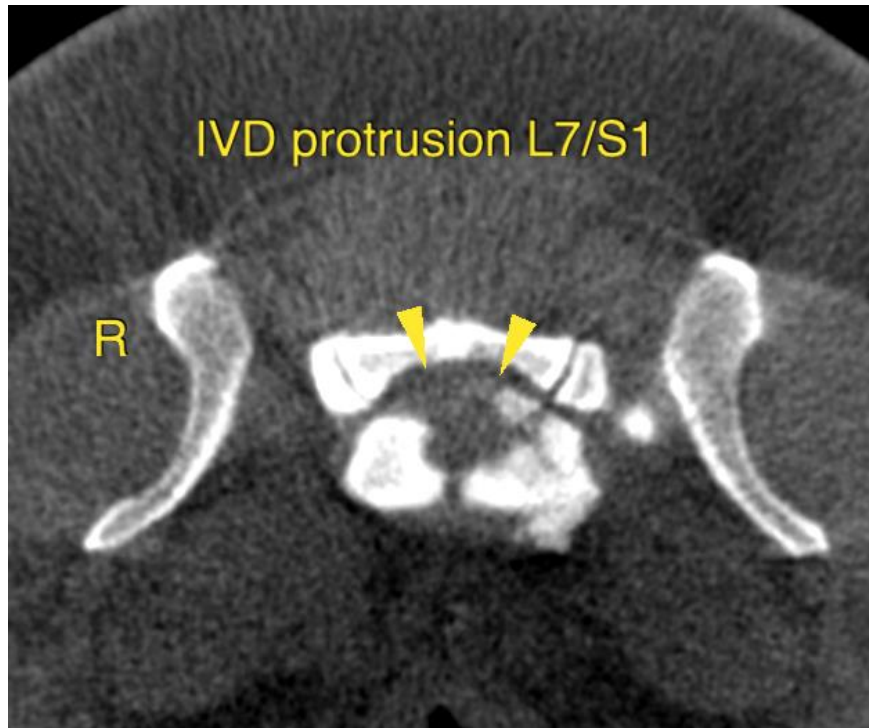
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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
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