



PATIENT

Roxi O'Mara

SPECIES

Canine

BREED

French Bulldog

SEX

FS

AGE

2

WEIGHT

11

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Henry Xue

HOSPITAL NAME

Belconnen Veterinary
Centre

REFERRING VET

Henry Xue

INVOICE

73655

DATE

2-8-26

PRESENTING CLINICAL SIGNS

- R hindleg lameness
- delayed RH proprioception

Abnormal PE/Chem/CBC/UA Results: blood wnl

COMPUTED TOMOGRAPHY OF THE CERVICAL, THORACIC AND LUMBAR SPINE

A pre- and post-contrast CT study of the entire spine in a bone and soft tissue reconstruction is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

THE LAST RIB BEARING VERTEBRA IS COUNTED AS T13.

Multiple intervertebral discs along the entire spine present variable degree of central mineralization.

The remainder of the osseous and soft tissue structures of the cervical spine reveal no abnormalities.

The vertebral endplates T5/T6 present mild spondylosis formation.

Level with the intervertebral disc space T12/T13 irregular hyperattenuating material is protruding into the ventral aspect of the vertebral canal, occupying approximately 20% of the cross-sectional area of the vertebral canal at the same level.

Level with the intervertebral disc space L4/L5 mild hyperattenuating material is protruding into the right ventral aspect of the vertebral canal, hyperattenuating approximately $\leq 10\%$ of the cross-sectional area of the vertebral canal at the same level.

Protruding from the right dorsolateral aspect of the caudal vertebral endplate L7, small exostosis formation is seen, protruding into the right neuroforamen L7/S1. The right neuroforamen L7/S1 is narrowed in comparison to the left neuroforamen L7/S1.

The remainder of the osseous and soft tissue structures of the spine reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Neuroforaminal stenosis L7/S1 with likely compression of the right spinal nerve L7
- Chronic intervertebral disc protrusion T12/T13 with likely dynamic myelocompression
- Intervertebral disc herniation L4/L5 without compressive myelopathy
- Multifocal chondroid disc degeneration along the entire spine
- Spondylosis deformans T5/T6

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The described clinical signs may be a sequela to the right neuroforaminal stenosis L7/S1 with secondary impingement of the right spinal nerve L7 – diagnostic therapy via local glucocorticoid application may be considered as advanced diagnostic tool.

The appreciated disc herniations are likely an incidental finding but may be a source for dynamic pain.



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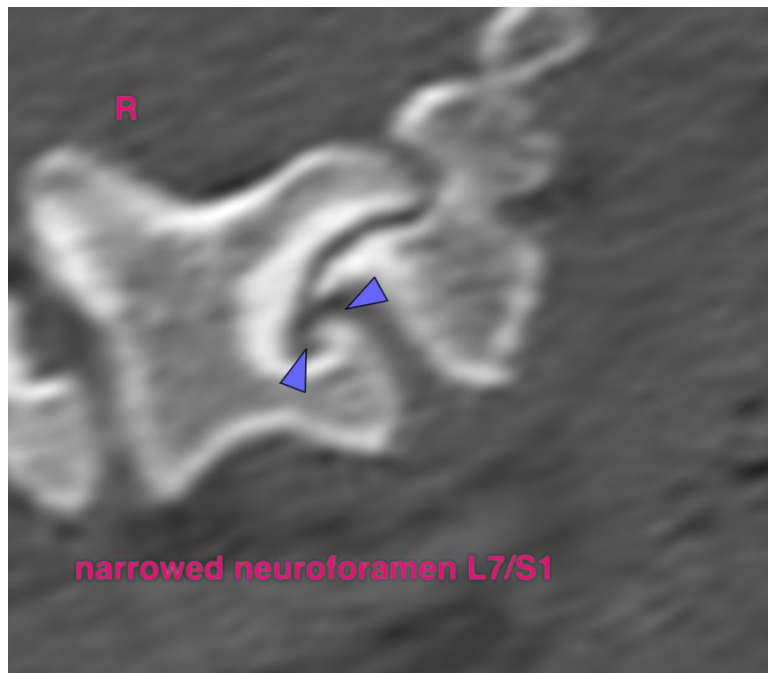
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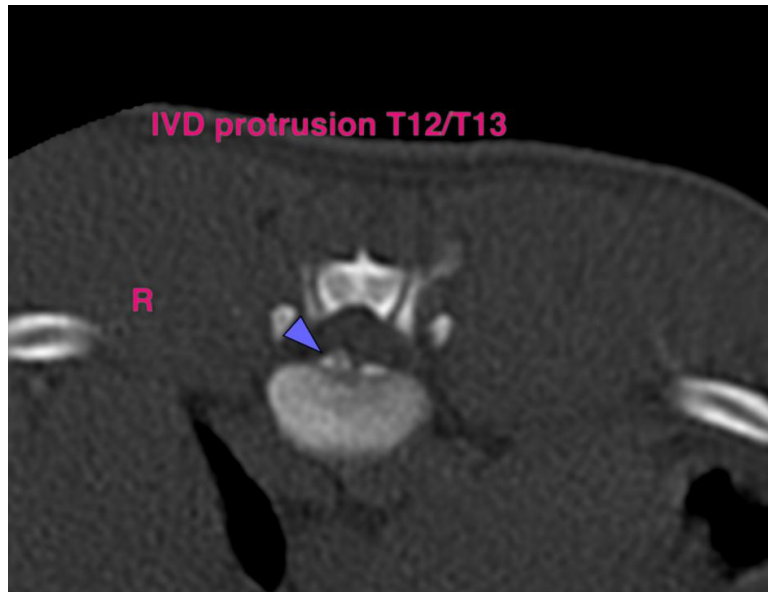
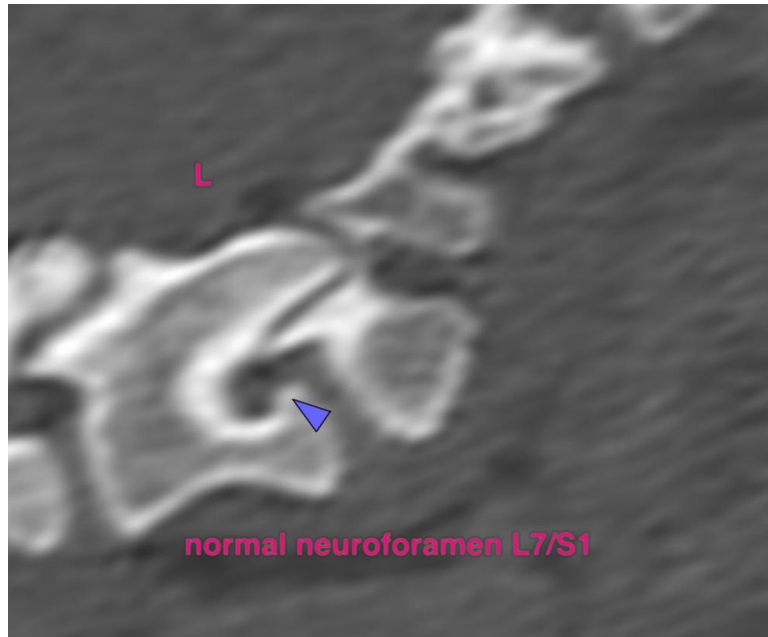
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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