



PATIENT PRESENTING CLINICAL SIGNS

Mac Dotterman mild to moderate cervical myelopathy, root signature left HL, 1 day post acute cervical myelopathy C1-5, C6-T2
Abnormal PE/Chem/CBC/UA Results: CBC/CHEM= WNL

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL &

Canine A high resolution plain/myelographic CT study of the skull and entire spine is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

Mix Multiple teeth are absent and the respective segments of the jaw quadrants present atrophy of the alveolar bone.

SEX The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

Male Intact Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

AGE Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

8 Years, 8 Months The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation. The ventricular system is non-dilated and symmetric. The foramen magnum presents a prominent dorsal notch.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

HOSPITAL NAME Spine

Animal Surgical
Center

The intervertebral disc spaces C4/C5 and C6/C7 are narrowed and the respective vertebral endplates present moderate spondylosis formation. Level with the intervertebral disc space C3/C4 to C5/C6 disc material is protruding into the vertebral canal, distorting the ventral subarachnoid space at the same level and occupying approximately 10% of the cross-sectional area of the vertebral canal at the same level.

REFERRING VET

Wooded Acres Animal
Hospital

The intervertebral discs T11/T12 to L4/L5 are protruding into the vertebral canal, occupying approximately up to 15% of the cross-sectional area of the vertebral canal at the same level, distorting the ventral epidural space respectively – being in contact with the ventral margin of the spinal cord.

INVOICE

The remainder of the osseous and soft tissue structures along the thoracic and lumbar spine present without abnormalities.

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The volume of the left thigh musculature is significantly decreased.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

5-10-23

- Intervertebral disc protrusion C3/C4 to C5/C6 and T11/T12 to L4/L5
- Disuse atrophy musculature left hind limb
- Spondylosis deformans
- Multiple absent teeth



PATIENT • Keyhole malformation foramen magnum, incidental

Mac Dotterman

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES The appreciated intervertebral disc protrusions multifocal along the spine can be associated with dynamic myelocompression but are considered unlikely to be related with neurological deficits. No abnormalities are appreciated explaining the nerve root-signature of the left hind limb. The left sciatic nerve appears normal.

BREED

Mix

SEX

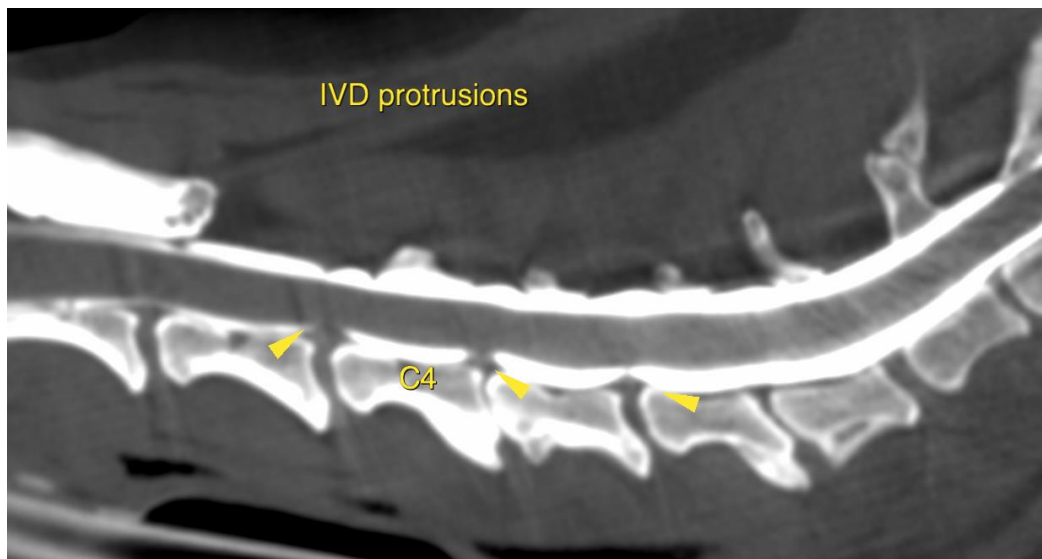
Male Intact

AGE

8 Years, 8 Months

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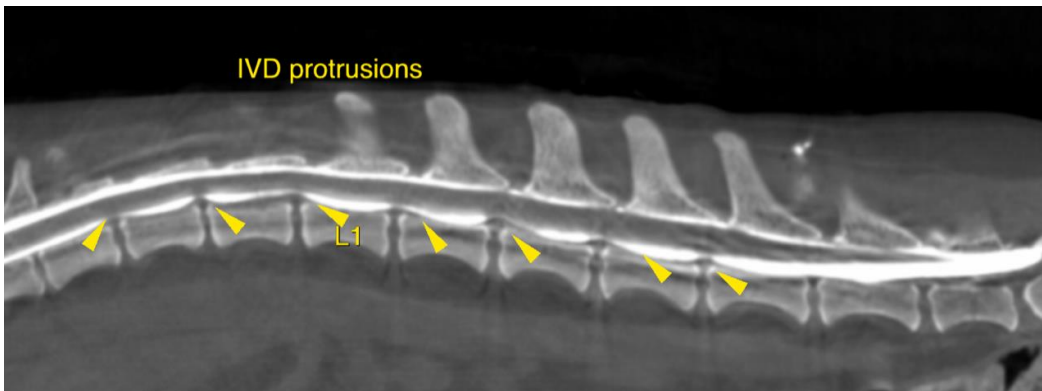


HOSPITAL NAME

Animal Surgical
Center

REFERRING VET

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Hospital



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DATE

5-10-23



PATIENT 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.

Mac Dotterman

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.

SPECIES

Canine

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BREED

Mix

SEX

Male Intact

AGE

8 Years, 8 Months

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