



PATIENT

Hadouken Killborg

PRESENTING CLINICAL SIGNS

moderate ataxia with cp's delayed in all 4 limbs, worse in hind limbs, ambulatory but with leg crossing and apparent lack of Cp control. Cranial nerves intact, slightly mydratic, mild increased reactivity Mild discomfort on manipulation of cervical spinal region, normal flexion of neck, nsf in hind limbs and lower spine palpation

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, CERVICAL, THORACIC, & LUMBAR SPINE

BREED

Plain and post IV contrast studies available for review.

Chihuahua Mix

COMPUTED TOMOGRAPHIC FINDINGS

SEX

FS

Head

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

AGE

12 Years

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

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

The salivary glands present within normal limits.

Hypodontia is noted.

REFERRING VET

Dr. Gans

The craniocervical junction presents within normal limits.

Spine

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59349

There is no evidence of atlantoaxial subluxation or other craniocervical instability.

Number and general anatomy of the cervical vertebrae present within normal limits.

DATE

7-12-23

Moderate ventrally wedge shaped intervertebral disc space narrowing is noted between C4 and C5. A disc herniation cannot be identified at this level.

Number, alignment, and general anatomy of the thoracic vertebrae present within expected limits.



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A series of mild minor compressive intervertebral disc protrusions is seen within the lumbar spine from L2 through L5.

Note the presence of multiple splenic nodules and prominence of the papillary process of the liver with multinodular appearance.

SPECIES

Canine

The urinary bladder is severely distended.

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Chihuahua Mix

- Suspect intervertebral disc disease within the cervical spine at C4/5.
- No evidence of structural brain injury.
- Mild chronic intervertebral disc protrusions with mild spondyloses L2-L5.
- Splenic nodules.
- Suspect nodules of the papillary process of the liver.

SEX

FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study suggests potential for intervertebral disc disease within the cervical spine between C4 and C5. The changes may reflect uncomplicated degenerative disc disease however there appears to be potential for disc herniation which may be isoattenuating and does not show in the plain and post-IV contrast studies. A CT myelogram or MRI could be considered for further definition in case of persisting or deteriorating clinical signs.

AGE

12 Years

The CT study did not reveal evidence of structural brain pathology.

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The mild lumbar intervertebral disc protrusions are unlikely to be associated with the clinical signs.

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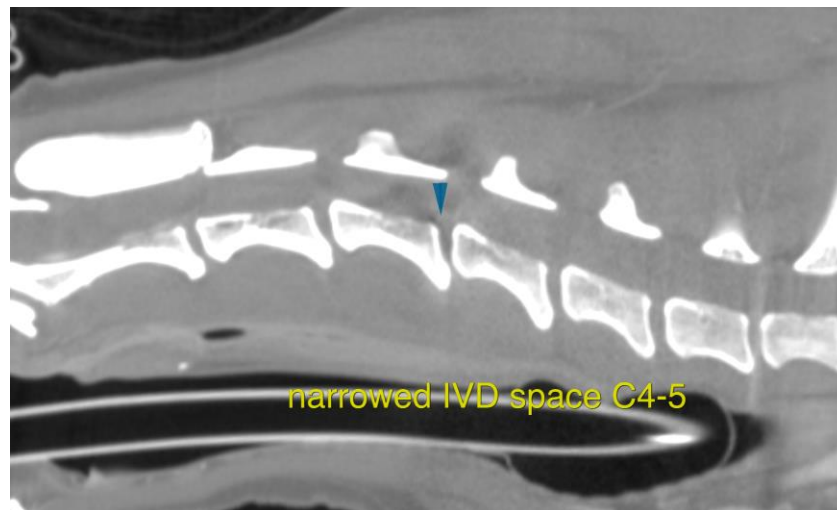
Dr. Gans

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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.

BREED

Chihuahua Mix

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
info@sonopath.com

SEX

FS

AGE

12 Years

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