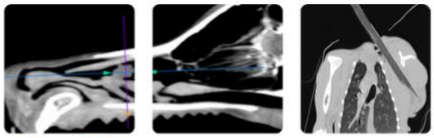

PATIENT

Bruce Diaz

SPECIES

Canine

BREED

French Bulldog

SEX

Neutered Male

AGE

8 Years

WEIGHT

24 Pounds

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

IMAGING PERFORMED BY

Sidney

HOSPITAL NAME

East Hill AH

REFERRING VET

Dr. Laura Hall

INVOICE

36463

DATE

4/1/26

PRESENTING CLINICAL SIGNS

- Treated for IVDD with Methocarbamol, Gabapentin, Fentanyl and Prednisone
- No improvement
- unable to stand
- unable to walk
- head tilt
- unstable
- suspicious areas at C3-4 and T1-2
- Abnormal PE/Chem/CBC/UA Results: CBC- WNL

COMPUTED TOMOGRAPHY OF THE HEAD AND CERVICAL, THORACIC & LUMBAR SPINE

A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The skull has a brachycephalic conformation with significant crowding and rotation of the maxillary premolar teeth.

A supernumerary triadan 102 is seen. Multiple teeth are absent.

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

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 ear canals are within normal limits.

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

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.

Spine

The intervertebral disc space C3/C4 is moderately narrowed. Level with the intervertebral disc space C3/C4, in the ventral aspect of the vertebral canal, heterogeneous hyperattenuating material is appreciated occupying approximately up to 70% of the cross-sectional area of the vertebral canal at the same level. The hyperattenuating material level C3/C4 is extending cranially over the caudal fourth of the vertebral body C3 and caudally up to the mid third of the vertebral body of C4. The dural tube level C3/C4 is deviated dorsally and distorted.

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

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Along the thoracic spine, multiple hemivertebra are appreciated.

Multifocal spondylosis formation is seen along the thoracic spine.

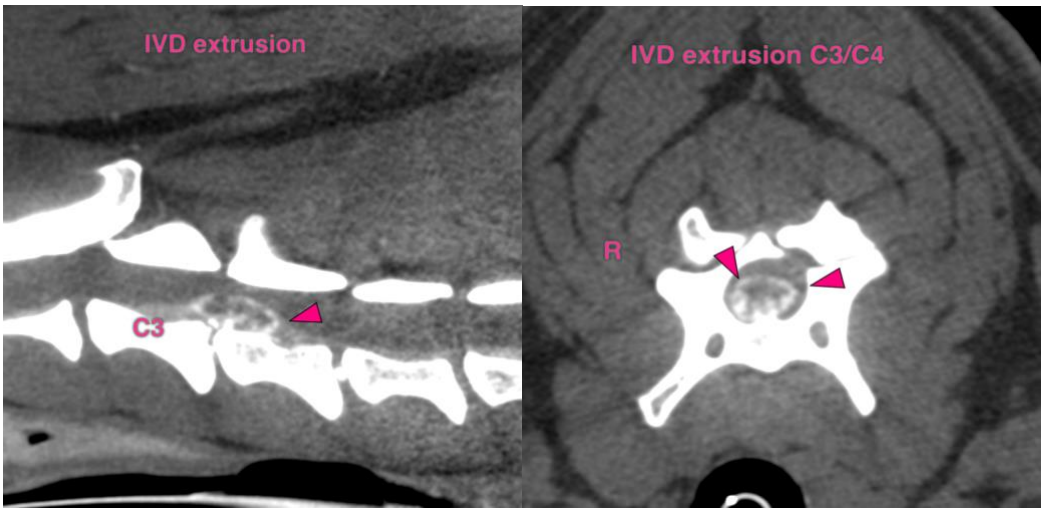
Level with the intervertebral disc spaces T12/Th13 to L7/S1, disc material is protruding into the vertebral canal, occupying approximately ≤10% (up to 25% level L7/S1) of the cross-sectional area of the vertebral canal at the same level.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intervertebral disc extrusion C3/C4 with compressive myelopathy
- Intervertebral disc herniation T12/T13 to L7/S1 without compressive myelopathy
- Multiple hemivertebra along the thoracic spine
- Multifocal chondroid disc degeneration along the entire spine
- Supernumerary triadan 102
- Multiple absent teeth
- Normal brain

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The intervertebral disc extrusion C3/C4 is a plausible explanation for the presenting clinical signs and surgical decompression can be considered as surgical management option.



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