



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Sparky Vega **PRESENTING CLINICAL SIGNS** History: Patient presents with apparent neck pain and tremors that appear to be seizure episodes. These symptoms appeared two weeks ago. The patient walks normally, but sometimes does not move and hunches over showing pain. Before the possible episodes of seizures, the patient always responds, he has never lost consciousness.

SPECIES Canine **Abnormal PE/Chem/CBC/UA Results:** CBC --- HCT mild decreased CHEM --- unremarkable

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & NECK

BREED Shih Tzu **COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & NECK** A high resolution pre- and post-contrast CT study of the skull including the neck are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX Neutered Male **COMPUTED TOMOGRAPHIC FINDINGS** Triadan 305 and 405 are absent.

AGE 6 Years **COMPUTED TOMOGRAPHIC FINDINGS** The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining – asymmetric swelling of the nasal mucosal lining is noted, representing the physiological nasal mucosal cycle.

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

INTERPRETED BY Sebastian Schaub, DVM Dr. med. vet. DipECVDI **INTERPRETED BY** 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.

COMPUTED TOMOGRAPHIC FINDINGS 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.

HOSPITAL NAME **COMPUTED TOMOGRAPHIC FINDINGS** The ventricular system is non-dilated and symmetric.

HOSPITAL NAME Veterinary Image Center **COMPUTED TOMOGRAPHIC FINDINGS** 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.

REFERRING VET Dr. V. Oppeheimer, DVM **REFERRING VET** The intervertebral disc space C3/C4 is moderately narrowed, mineralized material is seen within the intervertebral disc space. Level with the intervertebral disc space C3/C4, heterogeneous mineralized material is protruding into mid ventral aspect of the vertebral canal, occupying approximately 35% of the cross-sectional area of the vertebral canal at the same level. The dural tube level C3/C4 is deviated dorsally and distorted.

INVOICE **INVOICE** Mild central punctuate mineralization of multiple intervertebral discs along the cervical and cranial thoracic spine is appreciated.

21059 **INVOICE** The remainder of the osseous and soft tissue structures of the cervical spine are within normal limits.

DATE

2/10/23



PATIENT

Sparky Vega

SPECIES

Canine

BREED

Shih Tzu

SEX

Neutered Male

AGE

6 Years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

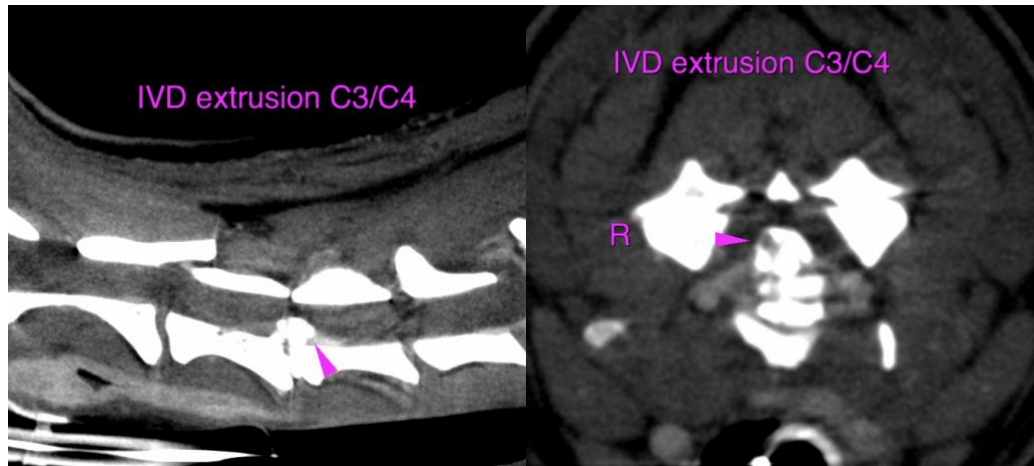
Dr. V. Oppeheimer,
DVM

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intervertebral disc extrusion C3/C4
- Absent triadan 305 & 405
- Multifocal mild chondroid disc degeneration
- Normal brain

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The intervertebral disc extrusion C3/C4 is a plausible source for the presenting clinical signs and surgical decompression is considered beneficial.



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.

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INVOICE

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