



PATIENT

Luna Pelot

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

SF

AGE

6 Months

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. N. Rodriguez,
DVM

INVOICE

56580

DATE

2-6-23

PRESENTING CLINICAL SIGNS

Pet owners explain that they found the pet lying on the floor salivating and with possible seizures. She complains of pain in her back and is currently not walking, she is in lateral recumbency. Pet has not had loss of appetite. Has shown symptoms of pain in the cervical area.

Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- PHOS mild increased and GLU mild increased

COMPUTED TOMOGRAPHY OF THE CERVICAL SPINE

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

COMPUTED TOMOGRAPHIC FINDINGS

The odontoid peg is absent. In the ventral aspect of the vertebral canal level with C1, an isolated, roundish mineral attenuating body is visible, measuring 2 mm in size. There is marked step formation between C1/C2 and C2 is subluxated dorsally, occupying approximately 50% of the cross-sectional area of the vertebral canal at the same level. The dural tube C1/C2 is deviated dorsally and distorted.

The intervertebral disc spaces C2/C3 and C3/C4 are moderately narrowed. Partial fusion of the vertebral endplates C3/C4 is noted.

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Dysplasia/agenesis of the odontoid peg
- Secondary atlantoaxial subluxation with compressive myelopathy
- Persistent ossiculum terminale
- Block vertebra C3/C4

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is consistent with atlantoaxial subluxation due to dysplasia/agenesis of the odontoid peg. The finding is a plausible explanation for the presenting clinical signs. The chances of stabilization of the atlantoaxial instability might be discussed with neurologist & surgeon.



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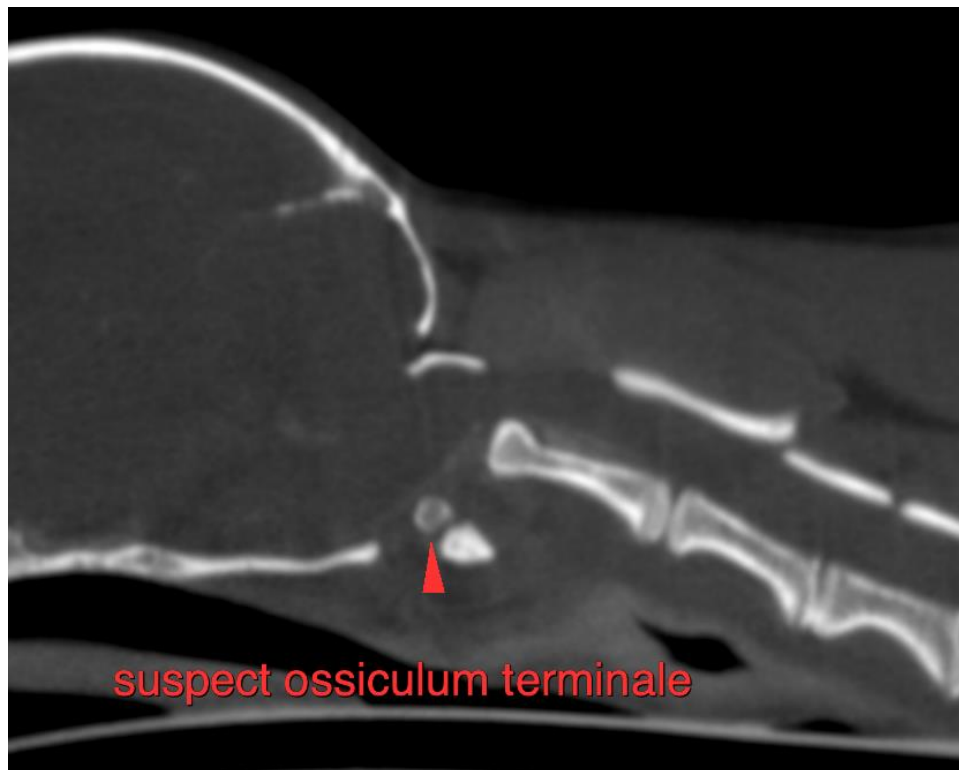
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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
sebast.schaub@gmail.com

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