



**PATIENT PRESENTING CLINICAL SIGNS**

Dante Meunch History: s Intermittent cervical pain, seems to be isolated to the L side of the neck. Owner reports having "good days" where he has full/normal range of motion of the neck, but then will have "bad days" where he seems to move in a certain way, cry out in pain, become lethargic and extremely resistant to moving his neck.

**SPECIES**

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL SPINE**

A high resolution pre- and post-contrast CT study of the cervical spine is provided for review.

**BREED**

**COMPUTED TOMOGRAPHIC FINDINGS**

Australian Cattle Dog

At the cranial aspect of the odontoid peg, two isolated mineralized bodies, measuring 3 x 3 x 4 and 3 x 1 x 2 mm in size are visible.

**SEX**

The intervertebral disc C6/C7 is mildly protruding into the vertebral canal, distorting the ventral epidural space at the same level.

Neutered Male

The left aspect of the vertebral body of C7 presents a ill-defined geographic osteolytic lesion, measuring 5 mm in diameter.

**AGE**

9 Years

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Intervertebral disc protrusion C6/C7 with possible dynamic myelocompression
- Monostotic benign osteolytic lesion vertebral body C7
- Incidental ossiculum terminale cranial aspect of odontoid peg

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The intervertebral disc protrusion C6/C7 might be associated with dynamic spinal cord compression and associated pain. The small lytic zone in the vertebral body of C7 is most consistent with fatty bone marrow replacement and I consider the odds for neoplastic transformation or osteomyelitis/osseous granuloma formation low.

**HOSPITAL NAME**

Advanced Animal  
Imaging

As the current CT study present with equivocal changes, either complementing workup by a myelographic CT study or MRI study can be considered to check for extruded isoattenuating material. A follow up CT scan in 1-2 month or bone biopsy can be considered to rule out malignant transformation of C7 completely – MRI would also allow differentiation between fat or cellular infiltration.

**REFERRING VET**

Blair Howell, DVM

**INVOICE**

13424

**DATE**

1/14/22



**PATIENT**

Dante Meunch

**SPECIES**

Canine

**BREED**

Australian Cattle Dog

**SEX**

Neutered Male

**AGE**

9 Years

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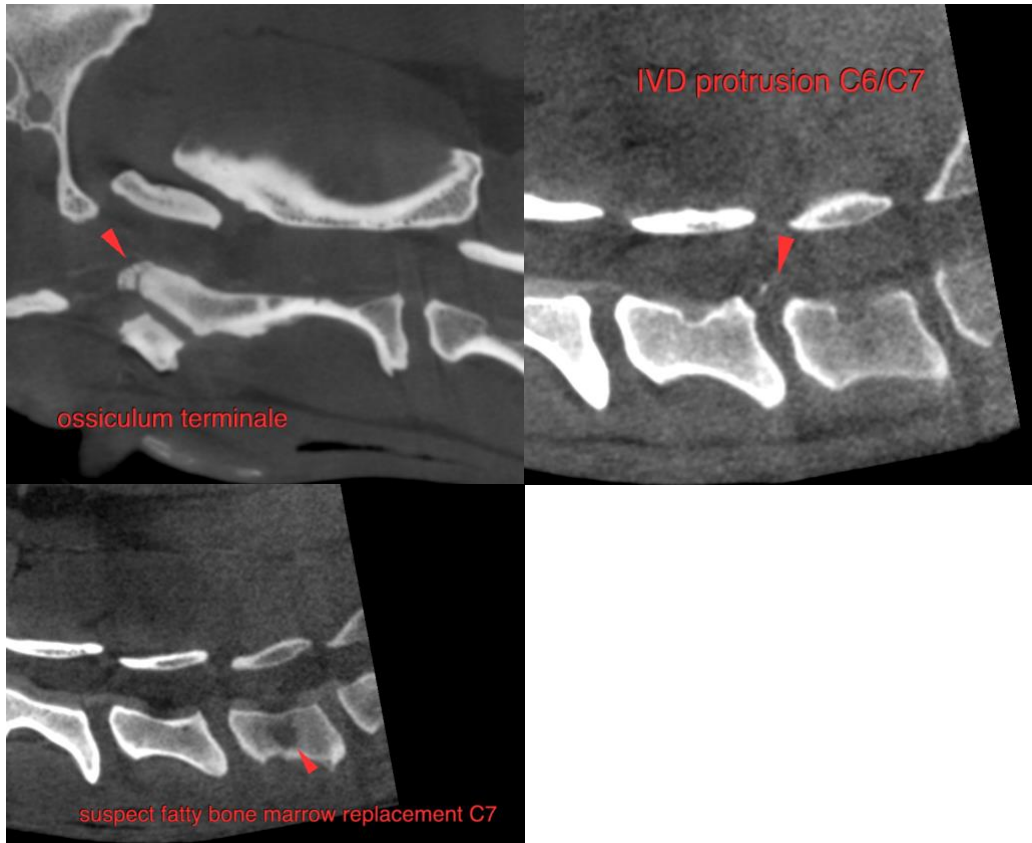
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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