



**PATIENT PRESENTING CLINICAL SIGNS**

Pocket Murray 3 d history neck pain, reluctance to eat kibble, one episode of left sided lip movement and jaw chattering followed by pawing at face, and episodes of suspected discomfort (root signature) vs focal seizure activity (holding up RTL and mild salivation, also was holding up RPL during one episode). Chronic (~1 year) history of bouts of neck/back pain previous treated w rest/gabapentin, recently metacam too) prev hx of pulmonic stenosis treated w balloon valvuloplasty (recent echo; no concerns) recent dental procedure w extraction performed (left mandibular premolar).  
**SPECIES** Canine  
**BREED** Pomeranian  
 Abnormal PE/Chem/CBC/UA Results: neuro exam: questionable inconsistent menace resp OS, moderate discomfort on palpation over cervical VC, otherwise wnl. CSF: 1.6 cells/uL, protein 40 mg/dL, cytology wnl

**MAGNETIC RESONANCE IMAGING OF THE CERVICAL SPINE**

T2&T1 (DIXON) pre- and post-gadolinium sequences in multiple imaging planes are provided for review.

**SEX**

MN

**MAGNETIC RESONANCE IMAGING FINDINGS**

The intervertebral discs C3/C4 to C6/C7 are mild to moderately protruding into the vertebral canal, occupying approximately up to 10% of the cross-sectional area of the vertebral canal at the same level; the ventral epidural and subarachnoid space are compressed respectively and the disc material is in contact with the spinal cord.

**AGE**

5 Years

All intervertebral discs along the cervical spine present a moderate decreased signal of the in fluid sensitive sequences hyperintense signal of the nucleus pulposus.

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI

The vertebral body of C6 presents a T2 hyperintense region in the left aspect – suppressed in STIR.

Post contrast administration no pathological distribution of contrast enhancement is appreciated.

**HOSPITAL NAME**

Animal Health Partners

**MAGNETIC RESONANCE IMAGING DIAGNOSIS**

- Mild intervertebral disc protrusion C3/C4 to C6/C7 with potential dynamic spinal cord compression – most accentuated C3/C4
- Generalized degenerative disc disease along the cervical spine
- Fatty bone marrow replacement vertebral body C6

**REFERRING VET**

Dr. Stephanie Lovell

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

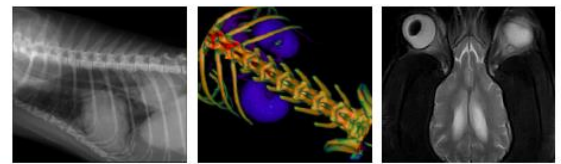
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The cervical spine presents with protrusion of multiple intervertebral discs, that might all contributed to cervical pain – the findings are most accentuated level C3/C4. At this point conservative management is considered as the therapy of choice.

**DATE**

8-11-22



**PATIENT**

Pocket Murray

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**AGE**

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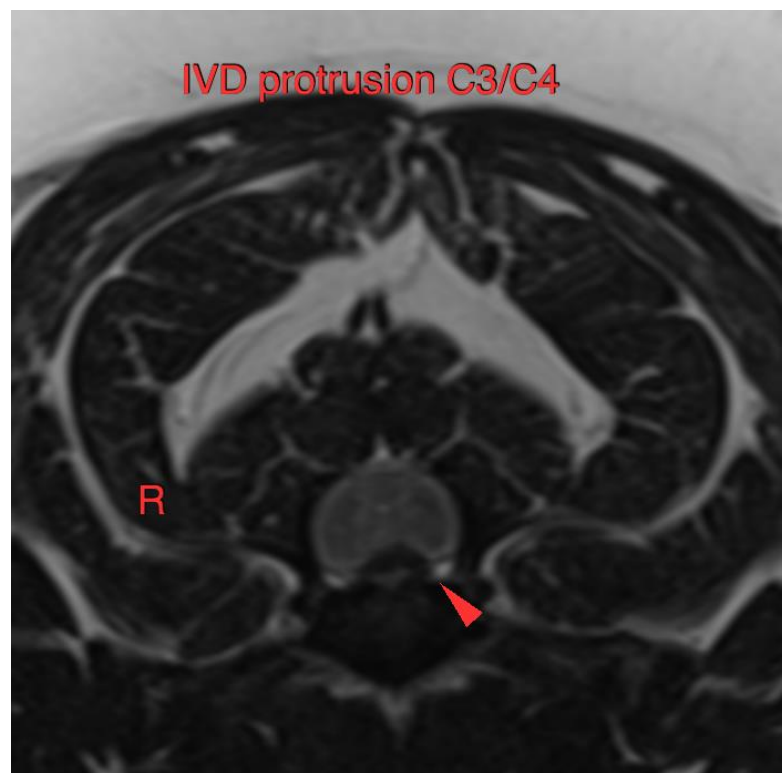
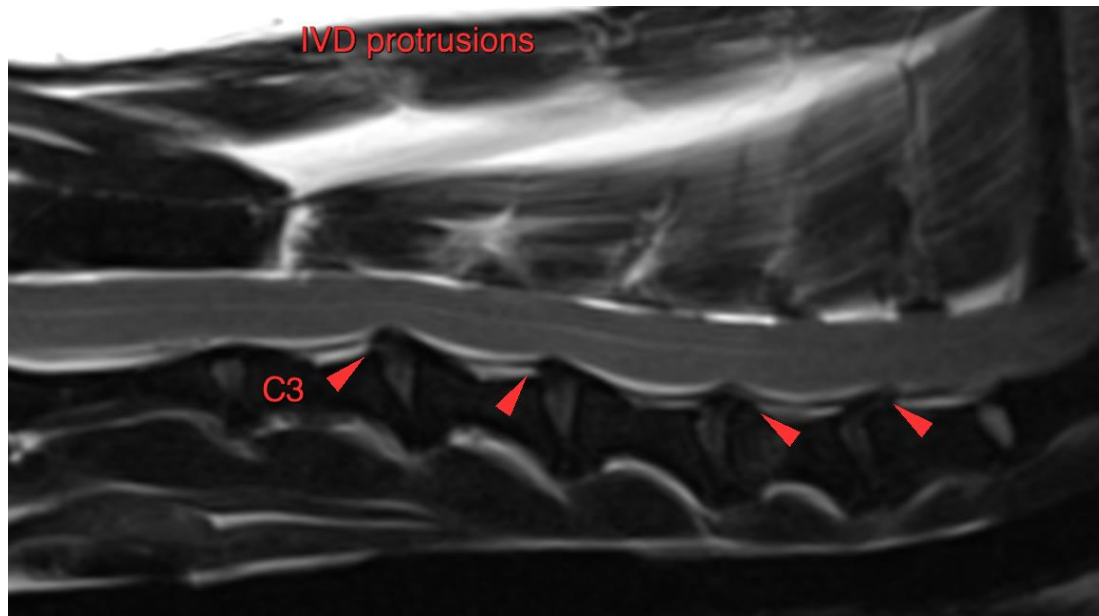
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**PATIENT**

Pocket Murray

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**BREED**

Pomeranian

**SEX**

MN

**AGE**

5 Years

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