


**PATIENT PRESENTING CLINICAL SIGNS**

Maggie McKenzie

11/23/2022 Medications: 150mg Gaba BID, 250mg methocarbamol BID, 12.5 Rimadyl BID. on bad days gets 15 codeine as needed. 4 week history of keeping head lowered and won't look upwards or raise it for cookies 09-29-2022 Inflammation flare ups every few weeks. Owner gives codeine, gaba and NSAID. Saw Dr. Brabant in september and added on methocarbamol. That cocktail tends to help. 09-10-2022 Episode of neck pain again. Has had flare ups every 8 weeks or so. On 5mg of prednisone from rDVM during flare ups, codeine and gabapentin. All medications given but still very painful. 4/28/2021. Maggie is presenting today for cervical pain. This has been going on for/happened since summer of 2020. The issue has not progressed in this time. Maggie has no known allergies. Maggie is taking prednisone 1.25mg every other day. This usually helps control her pain, but increased activity can cause a painful episode. When this occurs Maggie begins a pred taper. Maggie also takes 50 - 100mg gabapentin suspension every 8-12 hours. When Maggie is experiencing neck pain she becomes very difficult to pill. Maggie had radiographs of her spine taken at Crater Animal Clinic last summer. No, there are no other medical concerns today.

**SPECIES**

Canine

**BREED**

Chihuahua X

**SEX**

Spayed Female

**COMPUTED TOMOGRAPHIC STUDY OF THE SPINE**

Plain and myelographic study of the cervical, thoracic, and lumbar spine available for review. Myelogram is with lumbar puncture.

**AGE**

13 Years

**COMPUTED TOMOGRAPHIC FINDINGS**

Number, alignment, and general anatomy of the cervical, thoracic, and lumbar vertebrae present within normal limits.

**INTERPRETED BY**

 Nele Eley (Ondreka),  
 DVM Dr. med. vet.,  
 DipECVDI

Cranial displacement of the atlas with dorsal angulation of the odontoid peg and atlantooccipital overlapping results in cranial cervical stenosis, which is common in brachycephalic dogs. The cisterna magna is collapsed. No evidence of significant deviation, compression, or dilation of the subarachnoid space is seen throughout the cervical, thoracic, or lumbar spine. There appears to be no mass effect onto the spinal cord.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**
**HOSPITAL NAME**

 Southern Oregon Vet  
 Specialty Center

- Brachycephalic cranial cervical stenosis with no evidence of atlantoaxial subluxation
- No evidence of compressive myelopathy or intradural lesions or expansions throughout the cervical, thoracic, and lumbar spine

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**
**REFERRING VET**

Dr. Russel Fugazzi

The CT myelogram reveals no evidence of compressive myelopathy. No abnormal deviation, compression, or dilation of the subarachnoid space is seen throughout the cervical, thoracic, and lumbar spine.

**INVOICE**

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The brachycephalic cranial cervical stenosis is of variable clinical significance. It can be associated with permanently or intermittently increased pressure within the centra canal with consecutive central canal dilation (syringomyelia). However, it must be noted that many Chihuahuas and other dogs of other brachycephalic breeds present similar findings with no clinical impact.

**DATE**

12/1/22



**PATIENT**

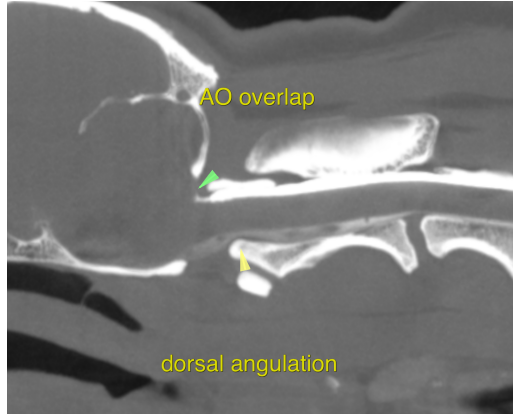
Maggie McKenzie

**SPECIES**

Canine

**BREED**

Chihuahua X



**SEX**

Spayed Female

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.

**AGE**

13 Years

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.

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
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DVM Dr. med. vet.,  
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