



**PATIENT PRESENTING CLINICAL SIGNS**

Mina Sager History: Reluctant to walk and painful. Arched back and decreased appetite. Minimal improvement with treatment.  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC & LUMBAR SPINE**

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

**BREED**

Beagle

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

Female

The intervertebral disc space C4/C5 is moderately narrowed. Level with the intervertebral disc space C4/C5, heterogeneous mineralized disc material is markedly protruding into the vertebral canal occupying approximately 40% of the cross-sectional area and approximately 75% of the height of the vertebral canal at the same level. The dural tube level C4/C5 is displaced dorsally and distorted.

**AGE**

6 Years

The intervertebral discs L6/L7 and L7/S1 are moderately protruding into the vertebral canal, occupying approximately up to 40% of the cross-sectional area of the vertebral canal level L7/S1.

Multiple intervertebral disc spaces of the cervical, thoracic and lumbar spine present central mild to moderate mineralization.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Intervertebral disc extrusion C4/C5 with compressive myelopathy – suspect acute on chronic
- Intervertebral disc protrusion L6/L7 and L7/S1 with possible dynamic compression of the cauda equina fibers
- Multifocal chondroid disc degeneration cervical, thoracic and lumbar spine

**HOSPITAL NAME**

Animal Clinic of  
Queens

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The intervertebral disc extrusion C4/C5 is a potential explanation for spinal pain. If the imaging findings are fitting the findings from the clinical examination surgical decompression is recommended.

**REFERRING VET**

Dr. Robert W. Thomas

The clinical relevance of the intervertebral disc protrusion L6/L7 and L7/S1 is questionable.

**INVOICE**

12636

**DATE**

8/20/21



**PATIENT**

Mina Sager

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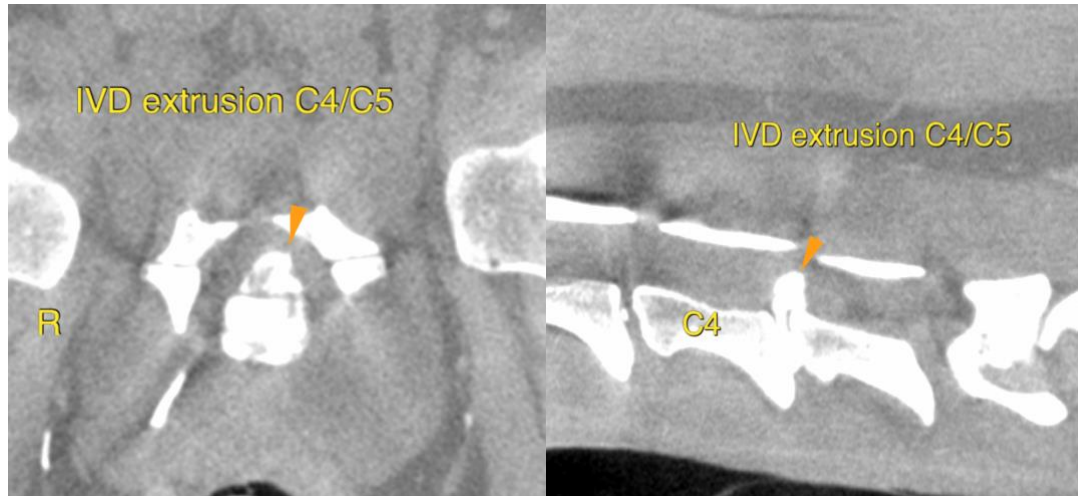
Dr. Robert W. Thomas

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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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