



**PATIENT**

Charlie Dombroski

**PRESENTING CLINICAL SIGNS**

Back pain suspect intervertebral disc disease due to mineralized disc present on radiographs. Soft tissue opacity present near rectum on x-ray.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

Plain and post contrast studies available for review.

**BREED**

Poodle Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

A mild heterogeneously hyperattenuating extrusion of intervertebral disc material is seen level with T11/12 intervertebral disc space. Most of the extrusion is situated to the left of the midline. Approximately 15% of the vertebral canal's cross sectional area are occupied by the extruded material. Mild rightward and dorsal deviation of the spinal cord is seen. There is mild left sided neuroforaminal extension.

**SEX**

SF

Multiple intervertebral discs reveal foci of mineralization.

Moderate bilateral coxofemoral joint osteoarthritis secondary to hip dysplasia is seen.

**AGE**

6 Years

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

A very small cyst is seen in the dorsolateral aspect of the left kidney. The right kidney presents within normal limits.

The urinary bladder is in a caudal position. 50% of the urinary bladder is within the pelvic canal. Dorsal deviation of the rectum without compression is seen.

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The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

**REFERRING VET**

Dr. Gans

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Mildly compressive intervertebral disc extrusion T11/12.
- Multiple chondroid disc degeneration.
- Bilateral canine hip dysplasia with secondary coxofemoral joint osteoarthritis.
- Caudal position of the urinary bladder.

**DATE**

1-28-22



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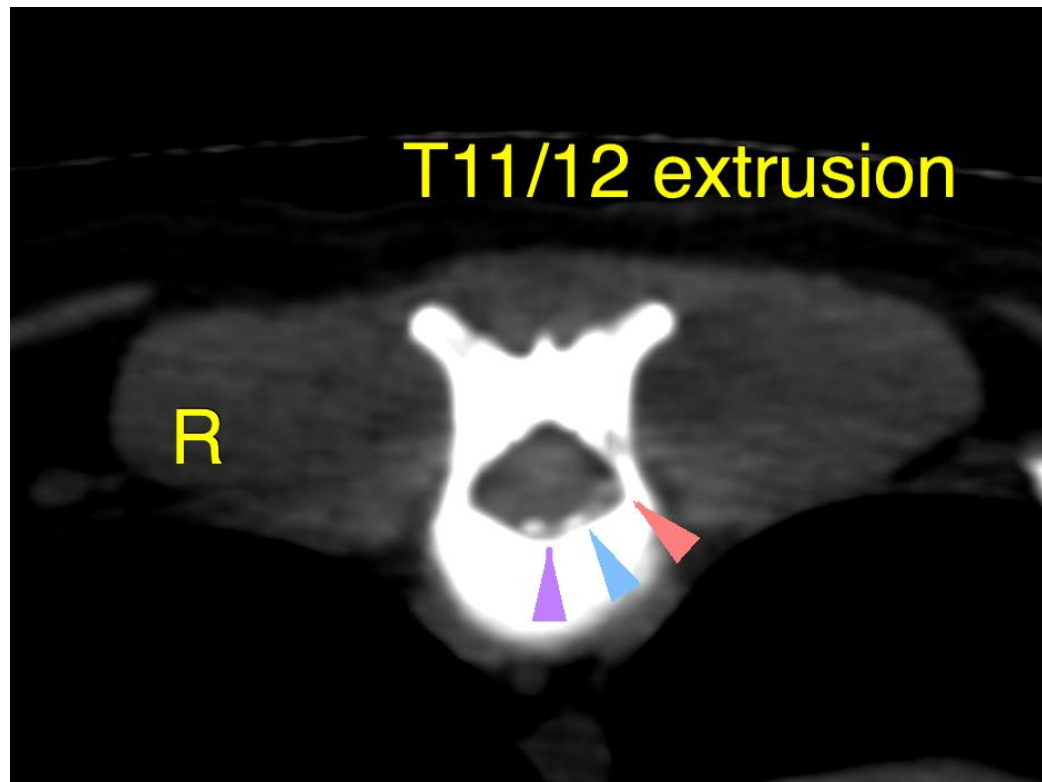
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study confirms the suspicion of intervertebral disc disease. A mildly compressive extrusion is seen within the caudal thoracic spine between T11 and T12. The changes may well reflect an acute extrusive event. The material is to the left of the midline within the ventral epidural space and causes mild dorsal and rightward deviation and compression of the spinal cord. Based on the small volume of the extrusion, surgical and conservative management have to be weighed carefully against each other.

Multiple intervertebral discs reveal evidence of chondroid degeneration. No other site of compressive myelopathy is identified.

The caudal position of the urinary bladder explains the radiographic appearance and position of the rectum. This can be an incidental finding. The risk of incontinence may be increased in females with a caudally positioned urinary bladder.





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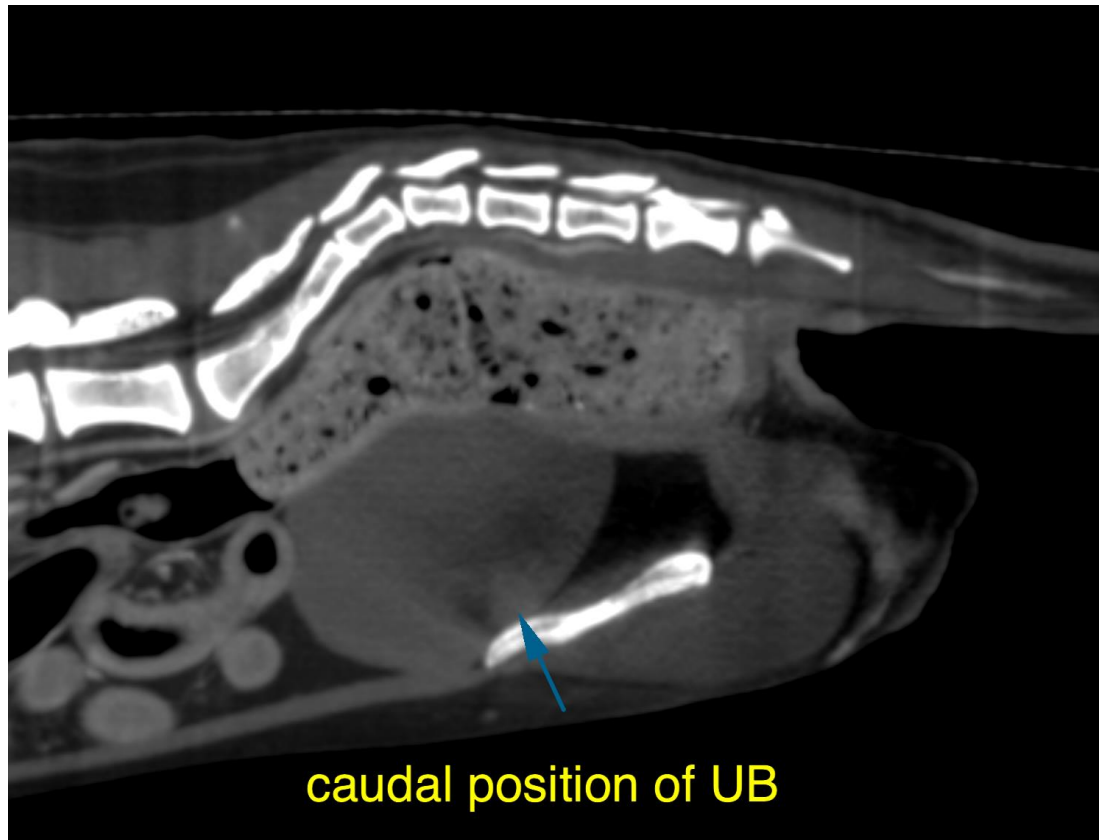
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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