

**PATIENT**

Sonny Hounds

PRESENTING CLINICAL SIGNS

Bottle raised, unable to walk since birth, both urinary and fecal incontinence since birth. Poor musculature of hind legs. Drags himself around with front legs. Patellas absent on radiographs on July 14, 2022. No sensation to hind legs.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Plain study and CT myelogram available for review.

BREED

French Bulldog

COMPUTED TOMOGRAPHIC FINDINGS

Multiple congenital vertebral malformation is seen within the thoracic and lumbar spine with L2 being a butterfly vertebra. T13, T12, T9, T7, and T6 are hemivertebrae as well.

SEX

Male

Moderate spinal cord compression due to widening of the dorsal and left subarachnoid space is seen level with T12-L3. The dural sac extends caudally as far as L5/6 only at this point. Further caudal extension of the contrast can be seen within the epidural space.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Arachnoid diverticulum with in the caudal thoracic and cranial lumbar spine with moderate intradural mass effect and spinal cord compression.
- Multiple congenital vertebral malformation with multiple hemivertebrae within the thoracic and lumbar spine.
- Short length of the spinal cord.

AGE

16 Weeks

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The main findings appears to be the presence of an arachnoid diverticulum with in the caudal thoracic and cranial lumbar spine between T12 and L3 which causes moderate spinal cord compression from a left and dorsal aspect.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Note the concurrent presence of multiple congenital hemivertebrae within the thoracic and lumbar spine and overall short length of the spinal cord.

HOSPITAL NAME

Casselton Vet Service

REFERRING VET

Brad Bartholomay

INVOICE

53905

DATE

8-31-22



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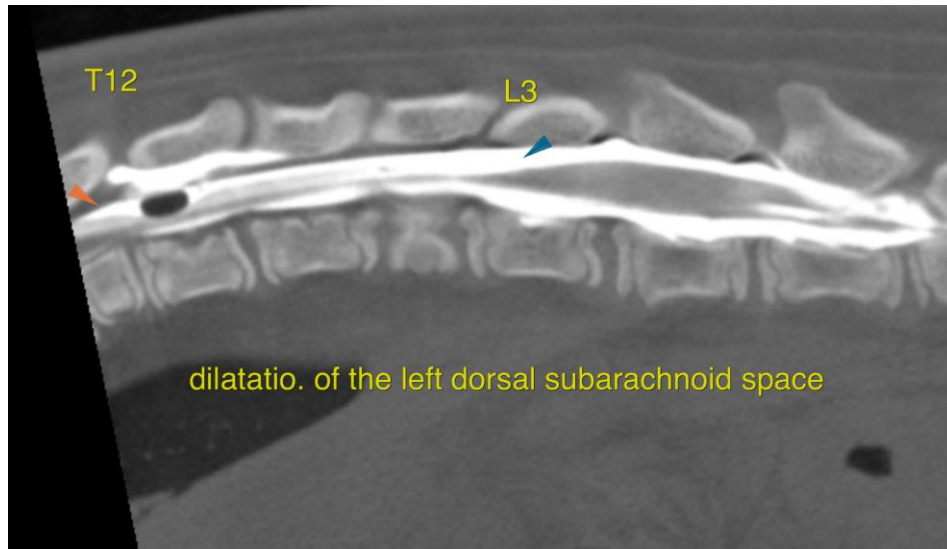
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
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