


PATIENT PRESENTING CLINICAL SIGNS

Olive Cimowsky Hyperreflexia to both hindlegs; cross extensor reflexia to both hindlegs. No improvement with laser therapy.
 Abnormal PE/Chem/CBC/UA Results: Ataxia affecting pelvic limbs, crosses them while standing. Bow pelvic limbs.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL, THORACIC, & LUMBAR SPINE

Plain and post IV contrast studies available for review.

BREED

French Bulldog

COMPUTED TOMOGRAPHIC FINDINGS

The craniocervical junction presents within normal limits.

SEX

Spayed Female

A concave defect is noted within the dorsal contour of the cranial vertebral end plate of C4 with a corresponding isolated osseous fragment which presents mild dorsal displacement reducing the vertebral canal's height by approximately 20%.

Mild C6/7 spondylosis deformans is seen.

AGE

8 Years, 5 Months

There is focal mineralization of the C7/T1 intervertebral disc.

The dorsal spinous processes of T3 and T4 as well as of T6 and T7 are fused.

INTERPRETED BY

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

T4 is a wedge shaped hemivertebra, T6 is a butterfly vertebra, T7 and T8 present shortening and vertebral fusion, and T9 and T10 are butterfly vertebrae. T11 and T12 are fused, T13 is a butterfly vertebra, then follows an asymmetric congenital transitional vertebra which will be counted as L1, L4 and L7 are butterfly vertebrae, and there is an asymmetric lumbosacral transitional vertebra. Intervertebral disc protrusion, mineralization, and spondylosis deformans are seen between the transitional vertebra and sacrum. The 1st sacral vertebra presents butterfly deformity.

HOSPITAL NAME

Mobile Pet Imaging

Severe thoracolumbar scoliosis is seen secondary to the multiple congenital vertebral malformations. Vertebral canal stenosis is also present in the mid and caudal thoracic as well as in the mid lumbar spine at T4, T10, and L4.

A small concave defect and corresponding fragment are seen in the dorsal aspect of the caudal vertebral end plate of L8 (transitional vertebra).

REFERRING VET

Meaux

COMPUTED TOMOGRAPHIC DIAGNOSIS
INVOICE

56272

DATE

1-19-23

- Multiple congenital vertebral malformations within the thoracolumbar spine and sacrum with multiple wedge, butterfly, and block vertebrae.
- Severe thoracolumbar scoliosis and multifocal vertebral canal stenosis accentuated at T4, T10, and L4.
- Osteochondritis dissecans of the cranial vertebral end plate of C4 and caudal vertebral end plate of L8.
- Thoracolumbar and lumbosacral transitional vertebrae.
- Spondyloses between C6/7, T4/5, and L8 and the sacrum.
- Chondroid disc degeneration.



PATIENT INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Olive Cimowsky The CT study reveals multiple congenital vertebral malformations throughout the thoracolumbar spine with severe thoracolumbar scoliosis and multifocal vertebral canal stenosis accentuated at T4, T10, L4.

SPECIES
Canine Osteochondritis dissecans with potential for compressive myelopathy is seen between C3 and C4 as well as at the lumbosacral junction between the transitional vertebra and the sacrum.

BREED
French Bulldog There appears to be potential for a tethered cord syndrome or compressive myelopathy in the region of the vertebral canal stenosis and scoliosis as well as between C3 and C4. Cauda equina compression cannot be ruled out as well.

Further assessment would either require a CT myelogram or an MRI.

SEX

Spayed Female

AGE

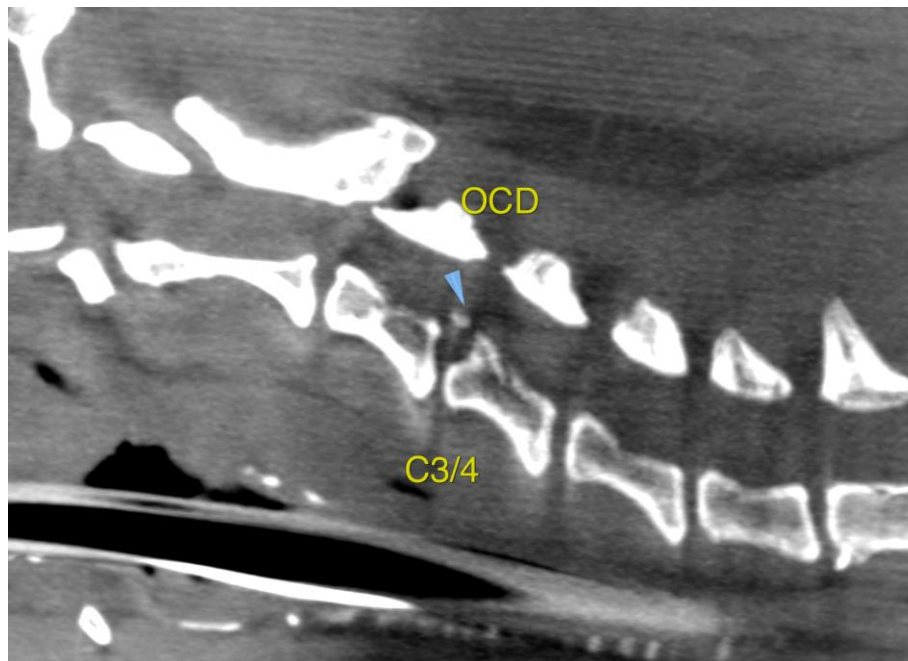
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HOSPITAL NAME

Mobile Pet Imaging



REFERRING VET

Meaux

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.

INVOICE

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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.

DATE

1-19-23

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