



PATIENT PRESENTING CLINICAL SIGNS

Bijkoux Pagliara paraparesis, CP deficits on both hind limbs, positive motor and deep pain on hind limbs, increased muscle tone on both hind limbs, UMN patella reflex on both hind limbs, painful on palpation of lumbar spine thoracic limbs wnl, CNs intact

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORACOLUMBAR SPINE

Plain study, IV contrast study and myelogram with lumbar puncture are available for review.

BREED

Coton de Tulear

COMPUTED TOMOGRAPHIC FINDINGS

Plain and post-contrast CT studies demonstrate normal vertebral morphology, intervertebral disc spaces and facet joints.

SEX

The myelogram via lumbar puncture reveals extensive epidural leakage, limiting detailed assessment of the subarachnoid space.

FS

No focal compressive lesion or abnormal dilation of the contrast spaces is identified along the thoracolumbar spine.

AGE

The spinal cord appears normal in caliber throughout.

11

The paraspinal soft tissues are unremarkable.

INTERPRETED BY

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- No compressive myelopathy identified on thoracolumbar myelogram despite clinical paraparesis.
- Thoracolumbar vertebrae intervertebral discs appear normal

HOSPITAL NAME

ASC Oceanside

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The clinical presentation of upper motor neuron paraparesis of the hind limbs in combination with a negative CT study suggests a non-compressive or diffuse myelopathy. Differential considerations include ischemic myelopathy, non-compressive disc extrusion, spinal or paraspinal hemorrhage, inflammatory or infectious myelopathy.

REFERRING VET

Kam

MRI of the thoracolumbar spine may be considered for improved soft tissue contrast and spinal cord evaluation, especially if clinical signs persist or develop.

INVOICE

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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.

HOSPITAL NAME

ASC Oceanside

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