

**PATIENT**

Winnie Mastroianni

PRESENTING CLINICAL SIGNS

Previously diagnosed discospondylitis. Painful in her neck again. Has had previous spinal CT's.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Plain study of the entire spine available for review.

BREED

Daschund X

COMPUTED TOMOGRAPHIC FINDINGS

Moderate narrowing of the intervertebral disc space C6/7 with sclerosis and irregular outline of the neighboring vertebral end plates is seen. There is a mild amount of new bone formation emerging from the vertebral end plates.

SEX

FS

T13 is a symmetric transitional vertebra with bilateral vestigial ribs and transverse processes resembling a lumbar vertebra.

Mild intervertebral disc space narrowing, vertebral end plate sclerosis, and irregular outline of the vertebral end plates are seen between L1 and L2 with moderate smooth new bone formation emerging from the vertebral end plates.

AGE

7 Years, 6 Months

No evidence of traumatic osseous injury is seen. There is no evidence of a hyperattenuating disc hernia.

INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Intervertebral disc disease with marked osseous remodeling C6/7.
- Chronic intervertebral disc disease with marked osseous remodeling within the deep cervical spine between C6/7 and within the cranial lumbar spine between L1/2.
- Symmetric thoracolumbar transitional vertebra with vestigial ribs.

HOSPITAL NAMEBridgwater
Veterinary Hospital
and Wellness Centre**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The changes of the vertebral end plates between C6 and C7 as well as L1 and L2 suggest presence of chronic intervertebral disc disease. Differential diagnosis includes degenerative disc disease with modic changes of the vertebral end plates as well as Schmorl's nodes and chronic low grade discospondylitis. Compression of the spinal cord is not directly seen; however, ruling out compressive or other structural myelopathy would either require a CT myelogram or an MRI. Screening for systemic inflammation/infection and an infectious focus could be considered.

REFERRING VET

Dr. T. Guinn

INVOICE

52799

DATE

7-7-22



PATIENT

Winnie Mastroianni

SPECIES

Canine

BREED

Daschund X

SEX

FS

AGE

7 Years, 6 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

REFERRING VET

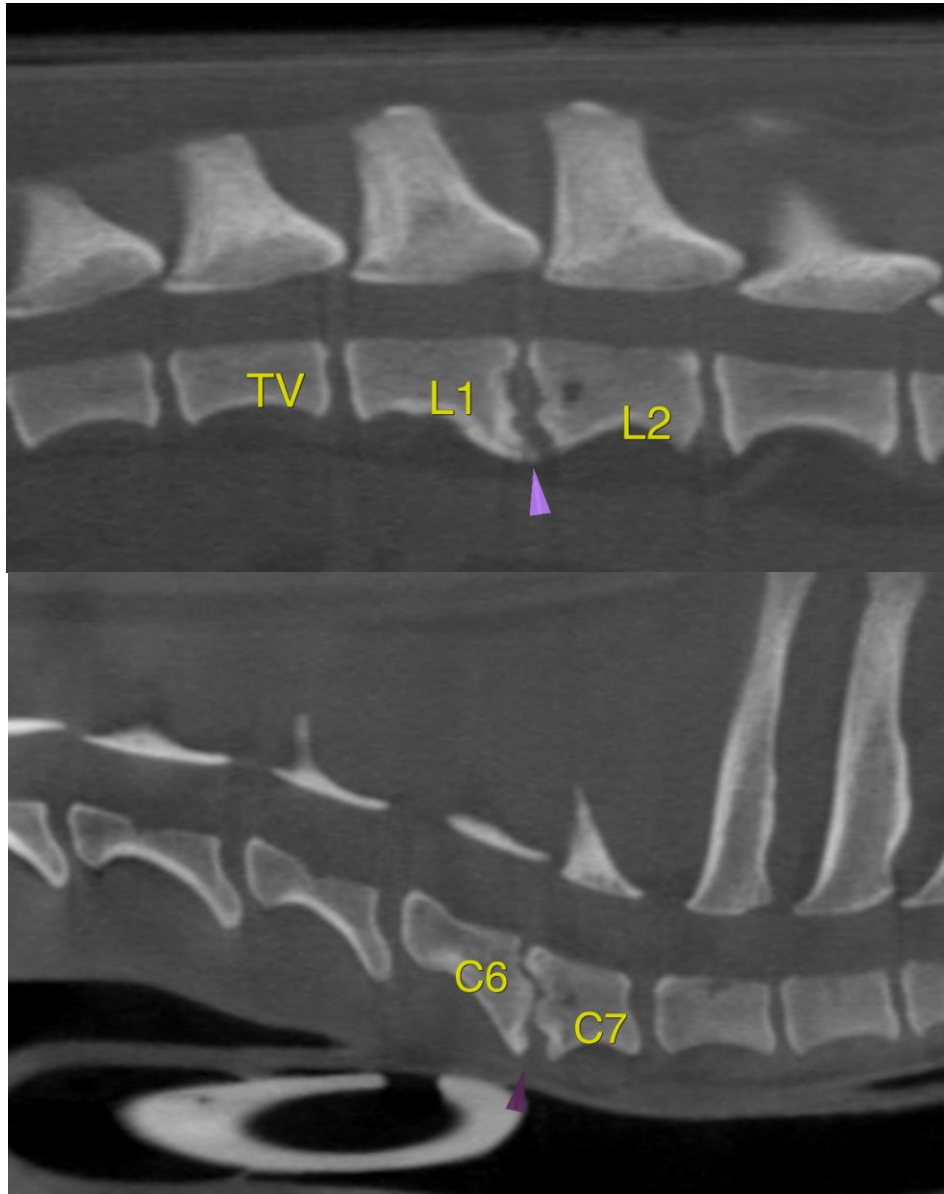
Dr. T. Guinn

INVOICE

52799

DATE

7-7-22



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
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com