



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Delano Lecky

SPECIES
Canine

BREED
Potcake

SEX
MN

AGE
2 Years

INTERPRETED BY
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME
Animal Health Partners

REFERRING VET
Dr. Lea Mehrkens

INVOICE
51370

DATE
4-6-22

Delano is a rescue with a previous leg amputation and a reluctance to walk. Previous Trauma, possibly as far back as fall; diagnosed with fracture in leg and did amputation. Revision of hind leg amputation later because bone was too long and still painful. Suspect historic spinal fracture. O has had been with him for a month. Delano can walk well and run outside, but still hesitant and painful overall.

COMPUTED TOMOGRAPHIC STUDY OF THE LUMBAR SPINE & PELVIS

Plain and post contrast studies in soft tissue and bone windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Patient has a history of prior traumatic osseous injury and left hind limb amputation.

Significant soft tissue swelling, and heterogeneous contrast enhancement are seen in the musculature circumferential to the amputation stump of the left femur. There is a moderate amount of brush bordered periosteal new bone circumferential to the amputated bone.

A luxated and mildly rotated fracture of the 7th lumbar vertebra is seen with severe ventral and cranial displacement of the caudal vertebral end plate fragment of L7 and moderate ventral subluxation of the sacrum with respect to the 7th lumbar vertebra. The intervertebral disc space is collapsed. The vertebral canal is severely reduced in height. Fracture fragments and callous occupy the remaining lumen of the vertebral canal. The fracture fragments of L7 present multiple concave irregular delineated defects with deep circumferential sclerosis. Peripheral soft tissue swelling is seen as well.

The left medial iliac lymph node is moderately enlarged and presents heterogeneous enhancement. Mild enlargement of the right medial iliac lymph nodes is seen as well.

There is an asymmetric thoracolumbar transitional vertebra.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Chronic lumbosacral luxation fracture with evidence of discospondylitis/osteomyelitis.
- History of left femoral amputation with periostitis and circumferential myositis.
- Left and right medial iliac lymphadenomegaly.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals severe lumbosacral stenosis after chronic traumatic luxation fracture of the 7th lumbar vertebra with ventral subluxation and rotation of the sacrum. Moreover, the findings suggest potential for infection in terms of discospondylitis / osteomyelitis. The source of the infection may well be the amputation stump since the findings here suggest presence of periostitis and myositis which may well be infected as well.

The lymph node changes are suggestive for lymphadenitis.

Please note that even without the presumed infection, the lumbosacral stenosis is severe and the vertebral fracture is likely to be unstable.



PATIENT

Delano Lecky

SPECIES

Canine

BREED

Potcake

SEX

MN

AGE

2 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

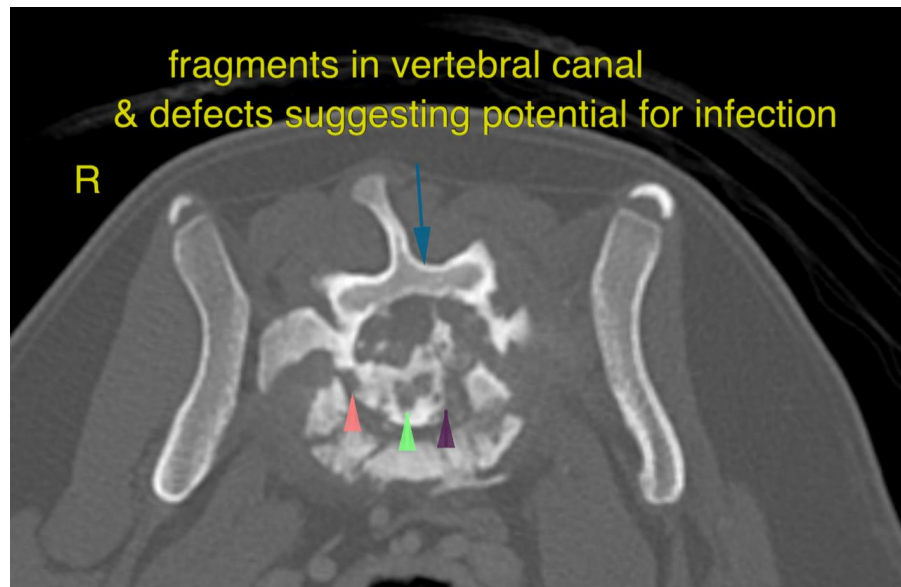
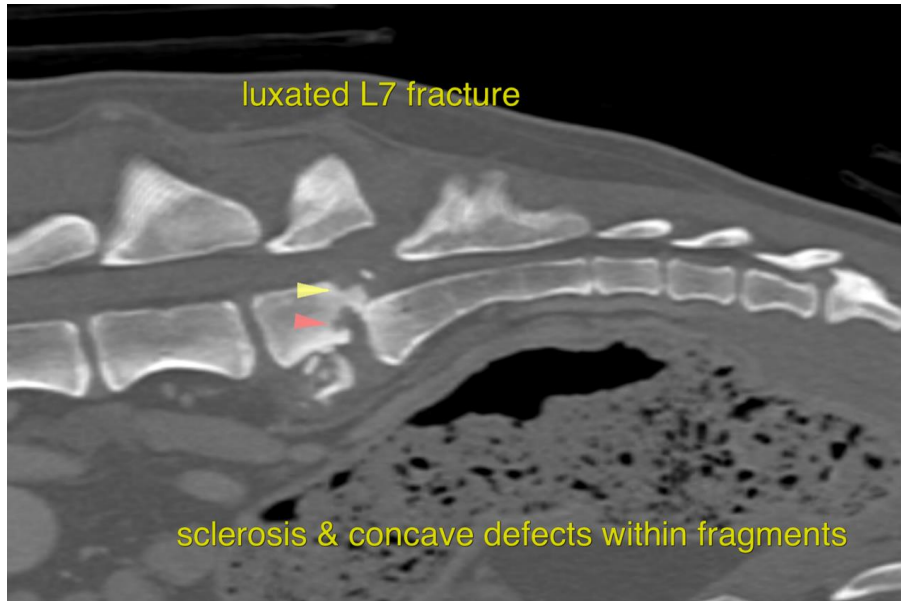
Dr. Lea Mehrkens

INVOICE

51370

DATE

4-6-22





PATIENT

Delano Lecky

SPECIES

Canine

BREED

Potcake

SEX

MN

AGE

2 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

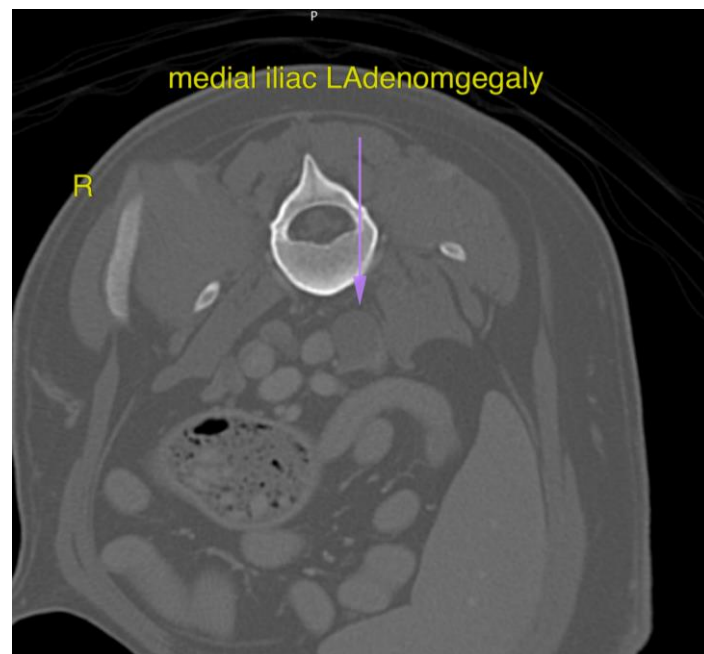
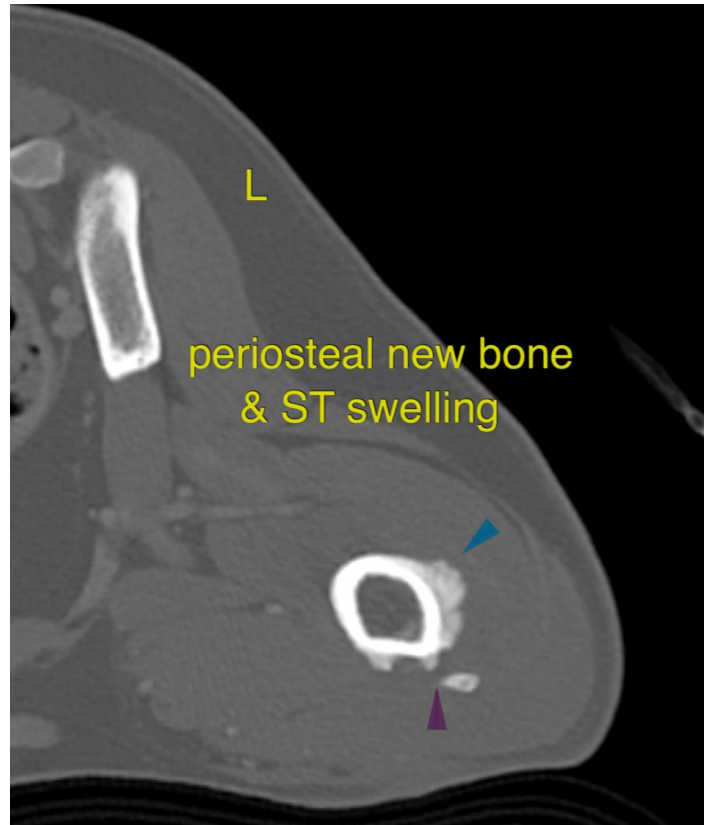
Dr. Lea Mehrkens

INVOICE

51370

DATE

4-6-22





PATIENT

Delano Lecky

SPECIES

Canine

BREED

Potcake

SEX

MN

AGE

2 Years



swelling & heterogenous enhancement

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

Animal Health
Partners

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

REFERRING VET

Dr. Lea Mehrkens

INVOICE

51370

DATE

4-6-22