



PATIENT PRESENTING CLINICAL SIGNS

Bacio Plastina Hx - garage door closed on lumbar spine July 21 and was acutely ataxic following this. Seemed sore but comfort has improved. Ataxia has worsened since that time Exam: Non ambulatory paraparesis and ataxia. Mildly diminished patellar reflexes. Intact flexor reflexes. Absent proprioceptive positioning in the pelvic limbs. Non painful. Intact sensation. Localization - T3-L3

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE CERVICAL, THORACIC AND LUMBAR SPINE

A plain CT study of the entire spine in a bone and soft tissue reconstruction is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Shih Tzu X

Level with the intervertebral disc space C5/C6, mild hyperattenuating disc material is bulging into the vertebral canal, occupying approximately 10% of the cross-sectional area of the vertebral canal at the same level.

SEX

The left transverse process L3 presents a mild ill-defined transverse fracture in the proximal third.

MN

The cranial fourth of the vertebral body of L4 presents a transverse fracture with ill-defined margins. The cranial vertebral endplate of L4 presents an additional horizontal fracture. Mild ventral displacement of the vertebral body of L4 is appreciated. Level with the transverse fracture of the vertebral body of L4, immature periosteal new bone formation is appreciated at the ventrolateral aspects.

AGE

16 Years

Advanced osteolysis of the vertebral body of L7 is appreciated with collapse of the vertebral body. The osseous structure of L7 is replaced by expansile homogeneous soft tissue material, protruding into the vertebral canal at the same level.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Advanced osteolysis L7 and replacement by an expansile soft tissue mass
- Chronic traumatic transverse fracture vertebral body L4 with mild ventral displacement - fracture is in early reparation phase
- Chronic traumatic transverse fracture left transverse process L3
- Mild intervertebral disc protrusion C5/C6

HOSPITAL NAME

Animal Health Partners

REFERRING VET

Dr. Greg Kilburn

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appreciated fracture of the transverse process L3 and the vertebral body of L4 are considered as a sequela to the traumatic insult and the mild immature periosteal new bone formation likely present early stage of callus formation.

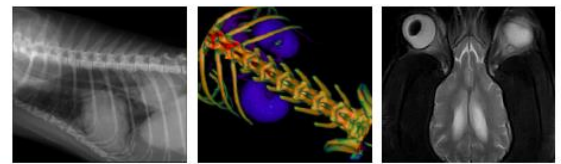
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The changes of L7 are consistent with neoplastic transformation and complete collapse of the vertebral body of L7 - primary osseous neoplasm is considered likely - such as fibrosarcoma, hemangiosarcoma, plasma cell tumor/myeloma, osteosarcoma.

DATE

8-1-23



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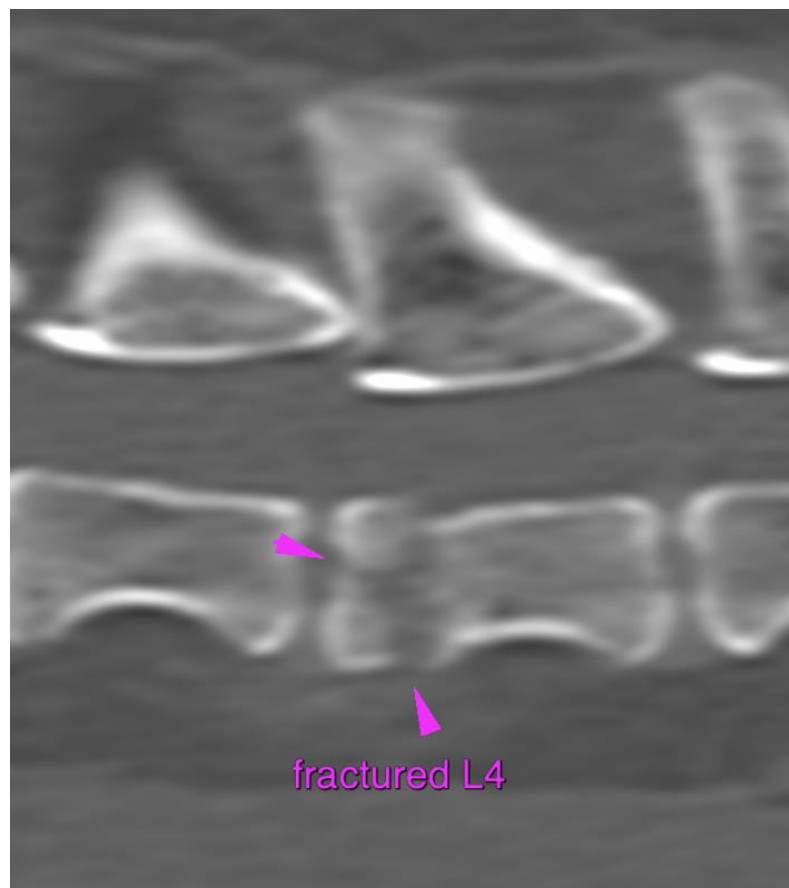
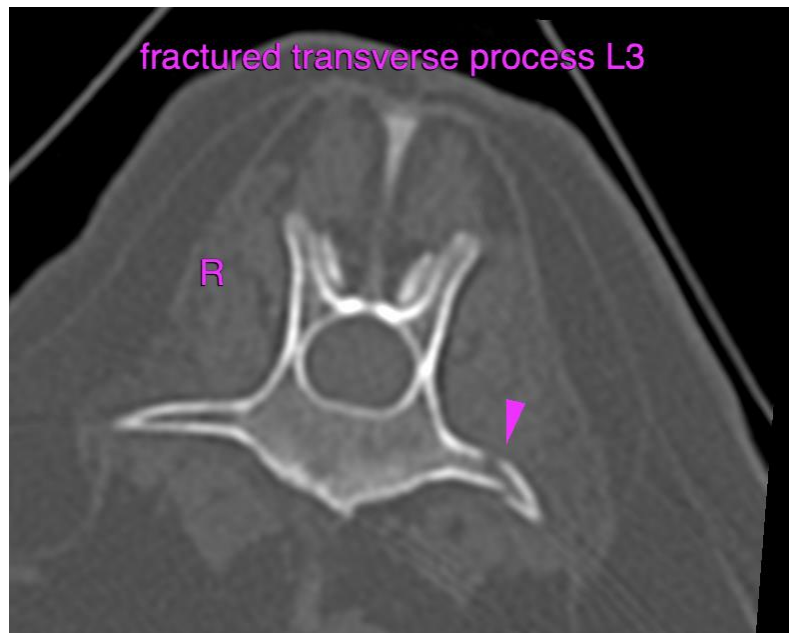
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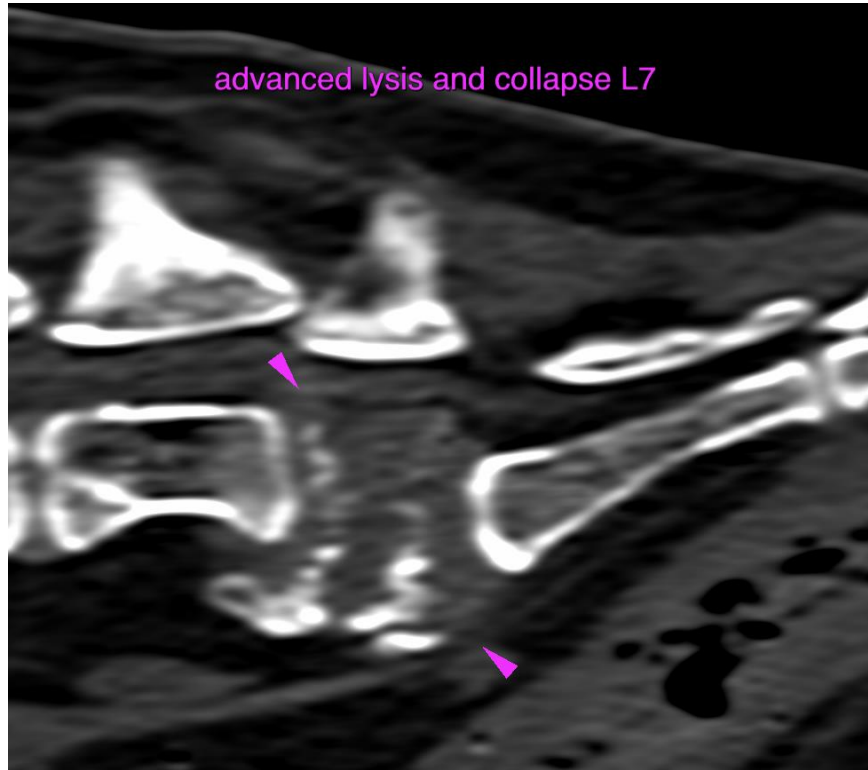
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com

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