



PATIENT PRESENTING CLINICAL SIGNS

Benny Lewis
SPECIES Canine
BREED Mix
SEX MN
AGE 11 Years
INTERPRETED BY Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

Pet presented 1/10/22 with a presenting complaint of abnormal RR gait including circumduction of RR limb. Owner reported prior diagnosis of suspected arthritis in L shoulder, and dental disease. PE on 1/10/22 revealed rear limb weakness and ataxia. Spinal rads revealed DJD of bilat hips and a partial stair step in lower thoracic spine. Suspect previously herniated disc at T11-T12, bridging spondylosis and rotation of spine T11-T12. Dog was picked up by larger dog around spinal area years ago. Owner told pet was fine at an er clinic and no imaging was performed. Also submitted is a head CT, please evaluate dental health, also pet had pain at otic exam. Right ear was only able to be observed. Mild R otitis externa noted on PE 1/31/22.

COMPUTED TOMOGRAPHY OF THE SKULL & THORACIC SPINE

A high resolution plain CT study of the skull and thoracic spine are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The tooth elements 108, 206, 210, 305, 306, 311 and 411 are absent. Multiple gas inclusions are seen within the alveolar crest of triadan 108 and the associated soft tissues laterally and within the right upper lip. Retained tooth roots of triadan 305&306 are visible within the alveolar crest.

In both nasal cavities, a mild to moderate amount of soft tissue material is seen between the conchal structures.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

The submandibular lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

Thoracic spine

The thoracolumbar junction is included in the field of view. The last rib bearing vertebra is counted as T13.

Mild dorsal subluxation of T12 is seen with mild step formation of the vertebral canal and moderate widening of the joint spaces of the respective facet joints. The intervertebral disc T11/T12 is moderately protruding into the vertebral canal, occupying approximately 50% of the cross-sectional area of the vertebral canal at the same level.

The intervertebral discs T12/T13 and T13/L1 are mildly protruding into the vertebral canal.

Multifocal spondylosis formation is seen along the vertebral endplates of the thoracolumbar junction.

DATE

1-31-22

INVOICE

49973

REFERRING VET

Dr. Maro

HOSPITAL NAME

Cranberry Holistic
 Pet Care



PATIENT

Benny Lewis

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Chronic dorsal subluxation T12 with mild stenosis of the vertebral canal
- Intervertebral disc protrusion T11/T12 with compressive myelopathy
- Mild intervertebral disc protrusion T12/T13&T13/L1 without compressive myelopathy
- Emphysema alveolar crest 108 and soft tissues of the buccal region at the same level
- Retained tooth roots 305&306
- Absent tooth elements 108, 206, 210, 305, 306, 311 and 411
- Rhinitis
- Spondylosis deformans

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The chronic mild subluxation of T12 is likely a sequela to the history of bite injury and is likely a predisposing factor for the intervertebral disc protrusion T11/T12 with secondary compressive myelopathy. The finding is a plausible explanation for paraparesis.

The emphysema within the alveolar crest of triadan 108 and the soft tissues of the right buccal region are suggestive for preceding dental extraction.

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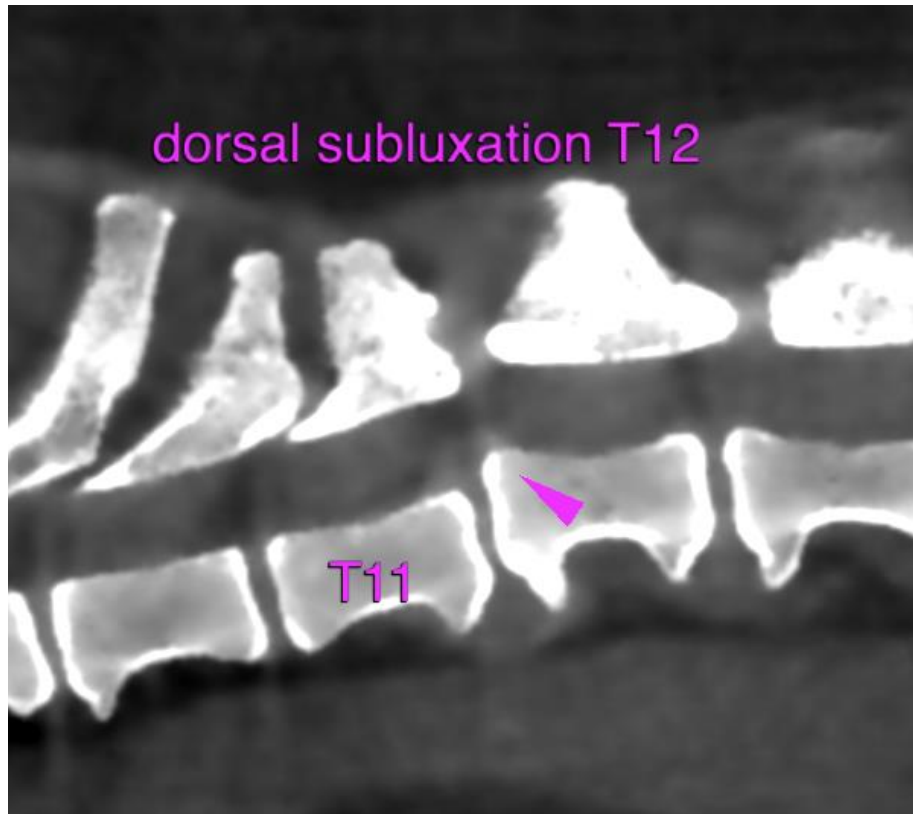
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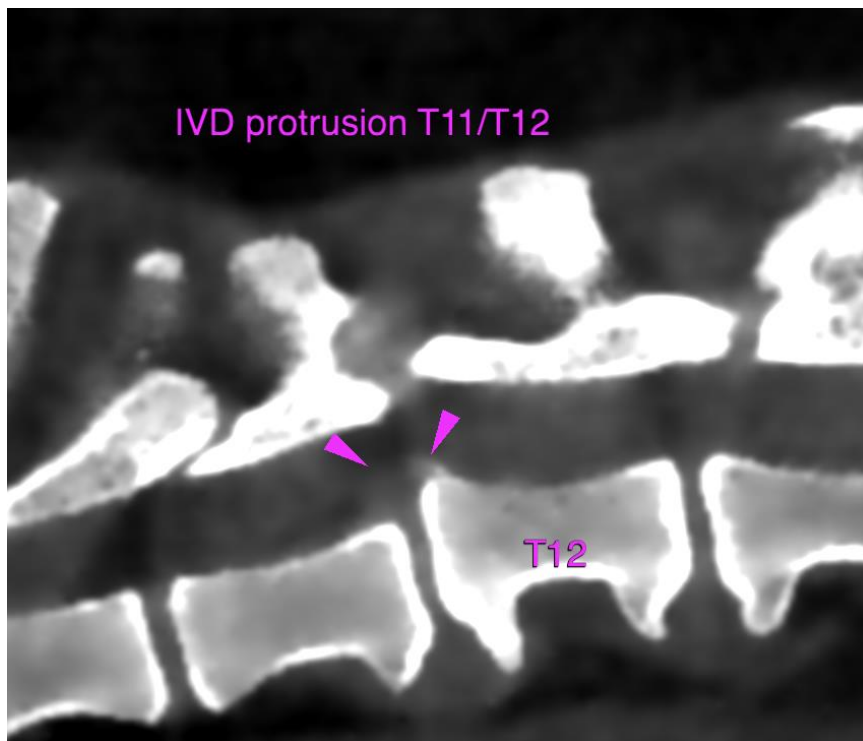
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

BREED

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