



PATIENT PRESENTING CLINICAL SIGNS

Robbi Ruiz Patient was presented for evaluation of lameness. patient has had difficulty getting up furniture in the last few days. Patient had grooming today. Afterwards, he was very painful and non weight bearing on right frontlimb. Musculoskeletal very painful when moving neck to right side; non-weight bearing on right frontlimb; painful upon palpation of right frontlimb; crepitus at the level of right elbow and carpus. dexamethasone SP 0.4 ml IM - start tapering course of prednisone tomorrow pm gabapentin PO BID will stay at boarding for CT tomorrow if doing better, CADI 20 mg SQ and EKT AU
 Abnormal PE/Chem/CBC/UA Results: CBC --- NEU mild increased CHEM --- ALKP increased, CHOL increased

BREED

COMPUTED TOMOGRAPHY OF THE SKULL, NECK AND FRONT LIMBS

Shih Tzu

A high resolution pre- and post-contrast CT study of the skull, neck and front limbs is provided for review.

SEX

NM

COMPUTED TOMOGRAPHIC FINDINGS

Multiple teeth are absent. Triadan 304&404 are not erupted, surrounding the crown moderate widening of the periodontal space is noted. The roots of triadan 409 present a significant periapical widening of the periodontal space and the cortex is perforated.

AGE

11 Years

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

INTERPRETED BY

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

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

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.

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Veterinary Image Center

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

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

REFERRING VET

Dr. M. Martes, DVM

Level with the intervertebral disc space C4/C5, disc material is mildly bulging into the vertebral canal, distorting the ventral epidural space. Level with the intervertebral disc spaces C6/C7 disc material is moderately protruding into the right neuroforamen. The intervertebral discs C4/C5 and C5/C6 are mildly bulging into the neuroforamina bilaterally.

INVOICE

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Both shoulder joints present mild to moderate osteophyte new bone formation.

In the right axillary region, a lipoma is seen, measuring 1.7 cm in diameter.

DATE

8-31-22

The distal segments of both front limbs present mild motion artefacts, blurring the osseous margins.

The periarticular bones of the left elbow joint present moderate osteophyte new bone formation.



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Robbi Ruiz
- Right sided foraminal intervertebral disc protrusion C6/C7 with mild stenosis of the respective neuroforamen with possible dynamic compression of the spinal nerve C7
 - Mild foraminal intervertebral disc protrusion C4/C5 and C5/C6 without compressive myelopathy

SPECIES

Canine

- Mild intervertebral disc protrusion C4/C5, with possible dynamic myelocompression
- Periodontal abscess formation 409
- Retention cyst 404
- Retained triadan 304&404

BREED

Shih Tzu

- Mild degenerative osteoarthritis shoulder joints bilaterally
- Degenerative osteoarthritis left elbow joint
- Small lipoma right axillary region
- Multiple absent teeth

SEX

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study presents no specific macromorphological abnormality, explaining the right front limb lameness, however the foraminal intervertebral disc protrusion C6/C7 might contribute to the clinical signs and acute on chronic insult might have deteriorated clinical signs. The mild degenerative changes of the shoulder joint and the elbow joint appear most pronounced in the left front limb and the clinical relevance is unclear.

AGE

11 Years

Consider complementing workup by a myelographic CT study or MRI study of the cervical spine in case of strong clinical suspicion for more pronounced compressive myelopathy.

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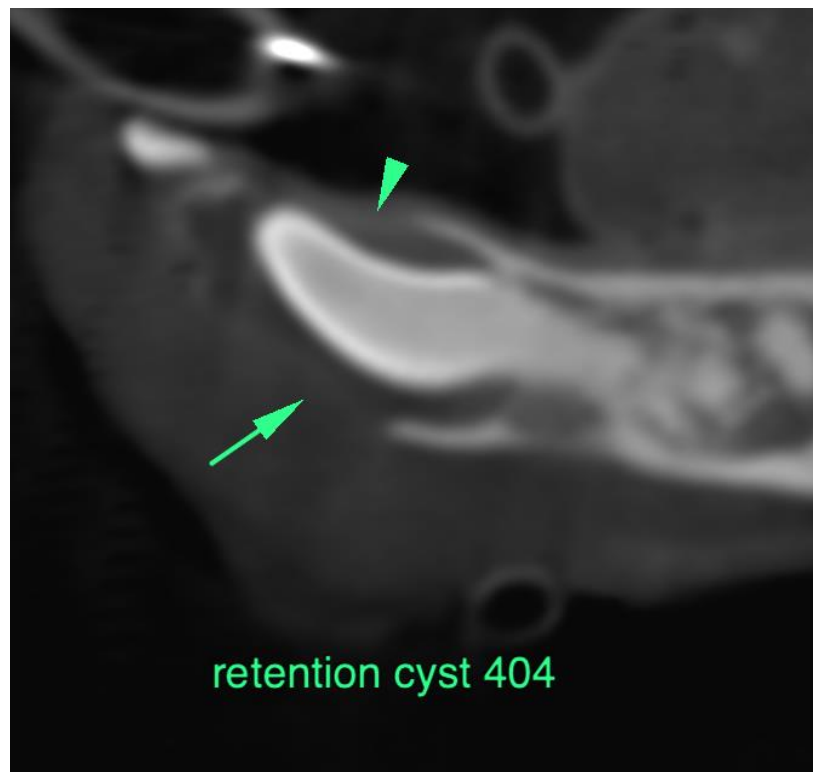
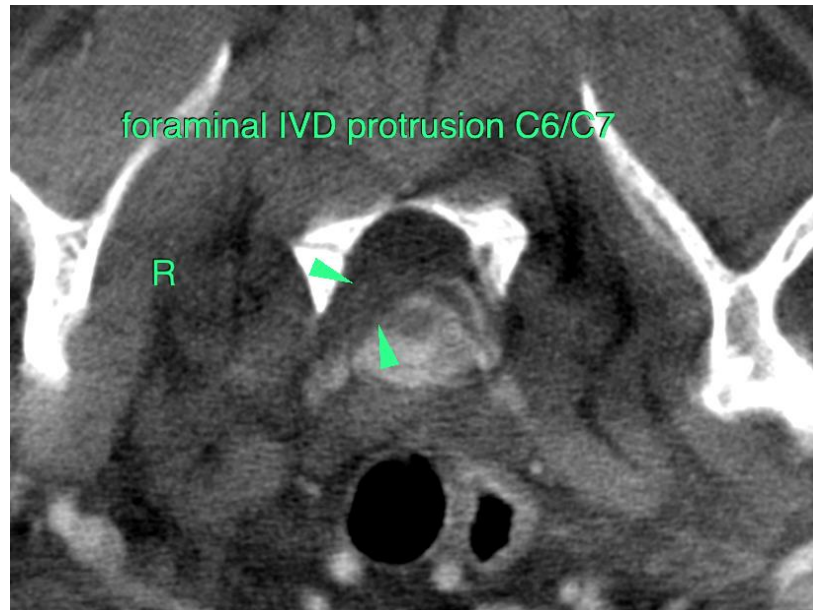
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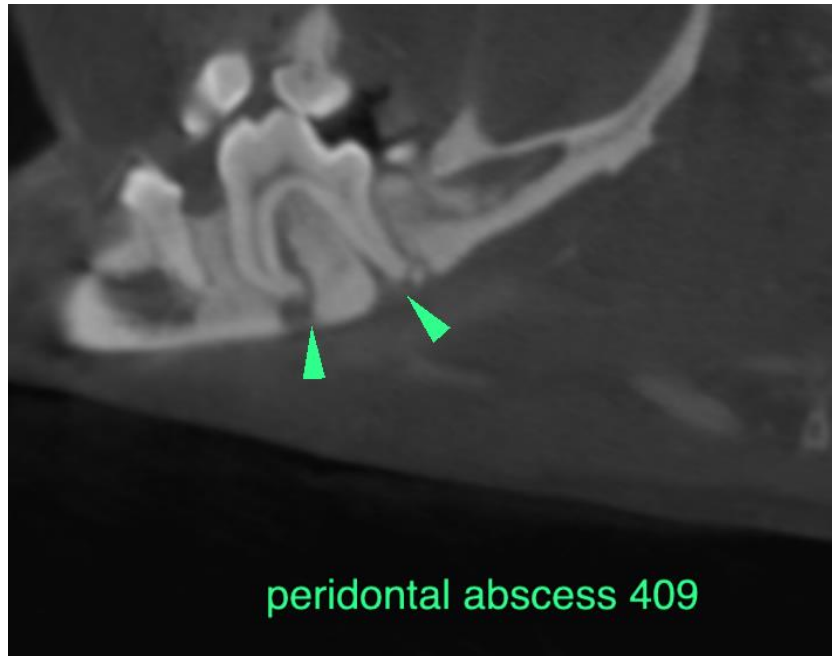
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PATIENT

Robbi Ruiz

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.

SPECIES

Canine

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