



PATIENT PRESENTING CLINICAL SIGNS

Hannah Randal Seizures, mobility issues. Current meds: Potassium Bromide 250mg, Prednisone 2.5mg. Trazodone for procedure night prior and morning of.

SPECIES Abnormal PE/Chem/CBC/UA Results: Monocytes 1.25 , MPV 13.8

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & ENTIRE SPINE**

Plain and post-contrast studies are available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Pug Head

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry. The pituitary gland presents within normal limits.

SEX

Spayed Female

AGE

2 Years

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 auditory meatuses present within normal limits.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
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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.

The salivary glands present within normal limits.

Tooth root abscessation of the triadan 108 is seen with regional osteitis and cellulitis. No evidence of an oronasal fistula seen. Moderate periodontal disease with developing tooth root abscessation is also noted for the triadans 109, 207, 208, 209.

HOSPITAL NAME

Rockaway AH

Spine

The cranial cervical junction presents within normal limits. Mild intervertebral disc protrusions with mildly narrowed intervertebral disc spaces are seen between C2/3, C5/6, and C6/7.

REFERRING VET

Dr. Maniar

The thoracic spine presents within normal limits.

A symmetric lumbosacral transitional vertebra is seen at the lumbosacral junction with moderate intervertebral disc protrusion of the lumbosacral disc, causing dorsal deviation of the cauda equina fibers.

INVOICE

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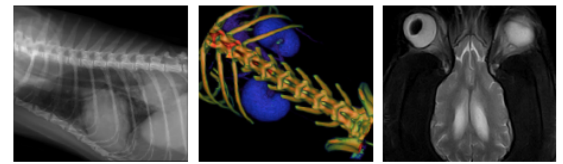
Mild signs of coxofemoral joint dysplasia and osteoarthritis are seen bilaterally.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

8/8/23

- Normal CT presentation of the brain
- Congenital lumbosacral transitional vertebra with moderate lumbosacral intervertebral disc



PATIENT

Hannah Randal

- protrusion
- Mild chronic intervertebral disc protrusions C2/3, C5/6, and C6/7
- Mild bilateral coxofemoral joint osteoarthritis
- Severe tooth root abscessation with regional osteitis and cellulitis triadan 108
- Moderate periodontal disease triadans 109, 207, 208, 209

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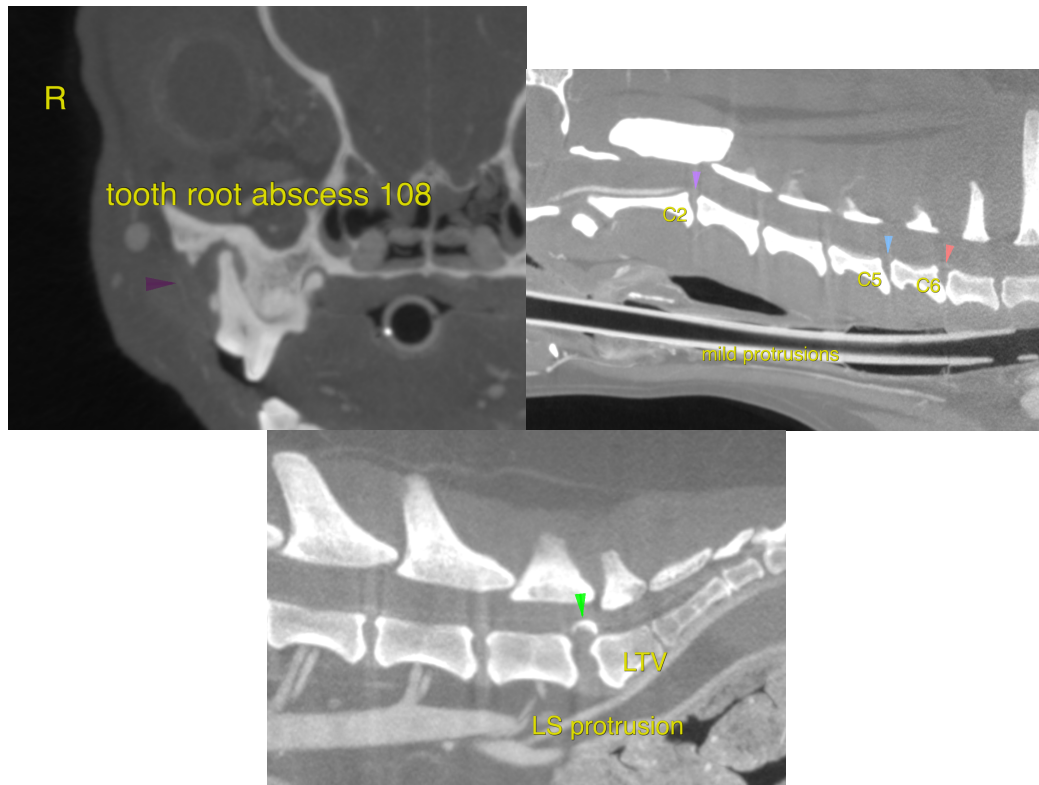
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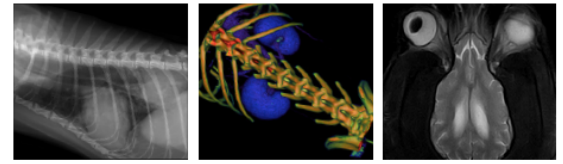
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals no evidence of structural brain pathology. The negative CT findings support the potential of primary epilepsy. Complementary CSF analysis could be considered in order to screen for metabolic, toxic, inflammatory infectious, metabolic toxic, neurodegenerative, and other brain pathology.

The lumbosacral protrusion is moderate in degree and causes dorsal deviation as well as significant stenosis of the vertebral canal, which may explain the mobility issues. The congenital lumbosacral transitional vertebra may have predisposed to early disc degeneration and protrusion secondary to altered biomechanics of the lumbosacral junction.

The presence of multifocal periodontal disease with severe tooth root abscessation, osteitis, and regional cellulitis associated with the triadan 108. Dental extraction should be considered.





PATIENT

Hannah Randal

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

SPECIES

Canine

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

Pug

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