



PATIENT PRESENTING CLINICAL SIGNS

Gigi Molina Had her first seizure August 2021. Then she had two more recently and was started on levetiracetam. She is doing well on this. On recheck exam 3/31/2022, she was painful whenever her left submandibular lymph node and/or L salivary gland was touched. She had no reaction on the right side, but a very repeatable pain reaction whenever the L submandibular area was palpated.

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: Labwork overall normal.

BREED

COMPUTED TOMOGRAPHY OF THE SKULL

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

Papillon Mix

COMPUTED TOMOGRAPHIC FINDINGS

SEX

The tooth elements 108-110, 210, 301, 308 and 408 are absent. The crown of triadan 401 is fractured and the tooth root is retained within the alveolar crest. Mild gas inclusions are seen in the alveolar crest of triadan 308.

FS

AGE

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

14 Years

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

INTERPRETED BY

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.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Animal Health Care
Denver

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

Cathryn Sayer

The intervertebral disc space C5/C6 is significantly narrowed. The intervertebral discs C2/C3 to C5/C6 are mildly protruding into the vertebral canal, distorting the ventral epidural space at the same level.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

51320

- Mild intervertebral disc protrusion C2/C3 to C5/C6 with possible dynamic spinal cord compression
- Complicated dental fracture 401 without signs of accompanying periodontal disease
- Absent triadan 108-110, 210, 301, 308 and 408
- Structural normal brain

DATE

4-3-22



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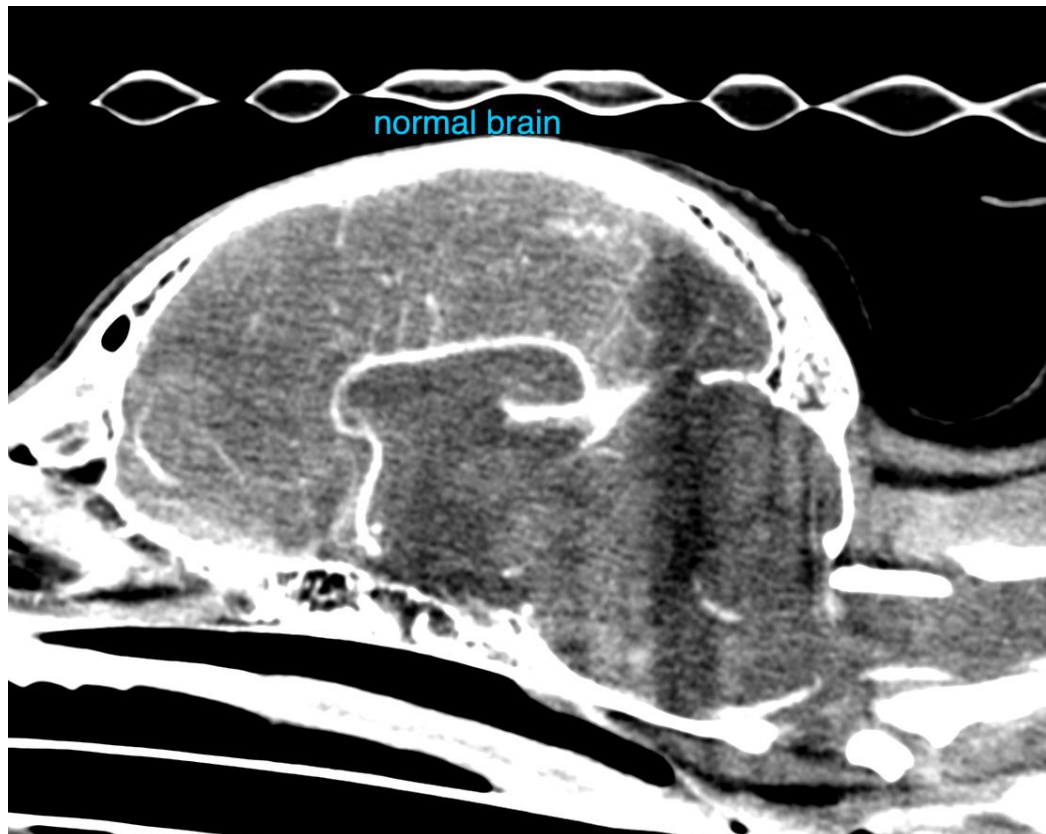
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study presents no specific abnormality, explaining the pain response in the left submandibular region. There is no evidence of local inflammation or mass in the left submandibular region. The intervertebral disc protrusions along the cervical spine are unlikely to be related with persistent clinical signs but possible intermittent pain.

No evidence of macromorphological disease of the brain is appreciated, which supports the presumptive diagnosis of idiopathic epilepsy.

If not yet done so, the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and rule out hepatoencephalopathy and other systemic illness. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.





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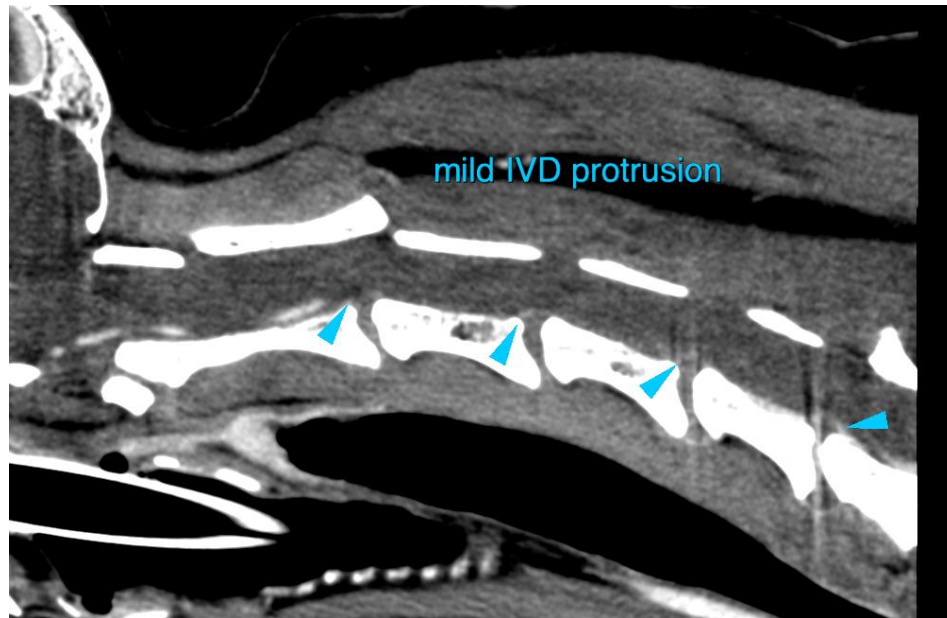
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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