


PATIENT PRESENTING CLINICAL SIGNS

Mia Rivera
 Mia is an 8 years old female spayed boxer who presented to our service for evaluation after having an episode of collapse last night. She did not defecated or urinated involuntarily during the episode, nor had involuntary movements. This is the first time that something like this happens. Physical exam showed decreased CPs in both hindlimbs and mucoïd discharge from vulva. CBC, Chem and 4dx were unremarkable. Thoracic radiographs and abdominal radiographs were unremarkable as well. Recommended CT scan.

SPECIES

Canine

BREED

Boxer

SEX

Spayed Female

AGE

8 Years

Abnormal PE/Chem/CBC/UA Results: CBC --- lymphopenia CHEM --- ALB mild increased

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

A high-resolution pre- and post-contrast CT study of the head are provided for review totaling 2 series. One pre-contrast series of the head, soft tissue algorithm. One post-contrast series of the head, soft tissue algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

No mass effect is seen in the brain, normal attenuation.

The nasal cavities, turbinates, choana, nasopharynx, and larynx are normal.

The cribriform plate is intact.

The frontal sinuses are unremarkable.

The bulla cavities and external auditory canals are normal.

The temporomandibular joints are bilaterally congruent.

The fascial, cervical, and head muscle mass is symmetrical, and unremarkable.

The globes and retrobulbar spaces are unremarkable.

No mass effect or radiopaque foreign material is identified.

No fracture or aggressive bone disease are identified.

The triadans 401,402, 403 and 311 are absent. In addition, a regional horizontal and vertical bone alveolar loss is seen within the incisive part of body mandible.

The medial retropharyngeal lymph nodes and mandibular lymph nodes are unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Normal brain attenuation, no evidence of mass effect or ventriculomegaly.
- Mild regional, lower rostral mandible periodontal disease, concurrent missing teeth, absent triadans 401,402, 403 and 311.
- Otherwise, normal head.

INTERPRETED BY

 Tilde Rodrigues Froes,
 DMV, MSc., Dr. Med
 Vet., Dipl. CBraRVet

HOSPITAL NAME

Vet Image Center

REFERRING VET

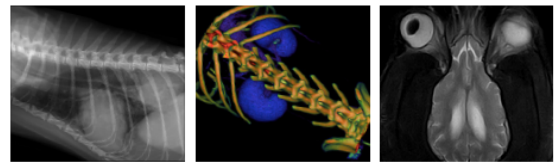
Dr. Gomez

INVOICE

44789

DATE

8/17/23



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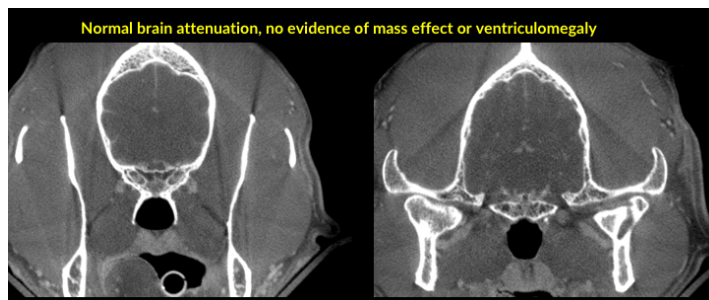
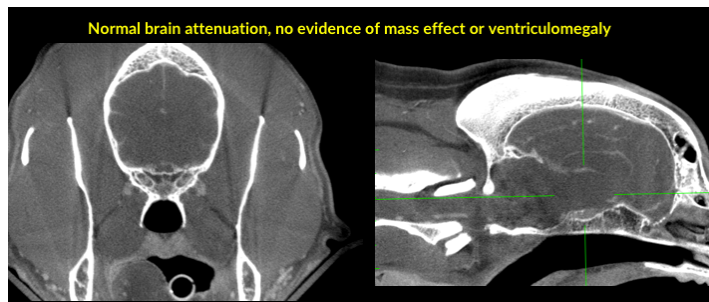
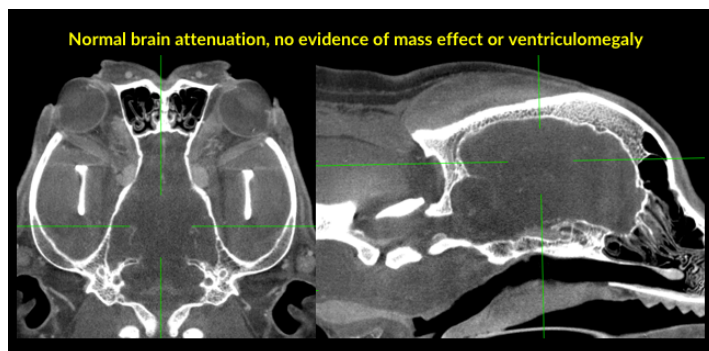
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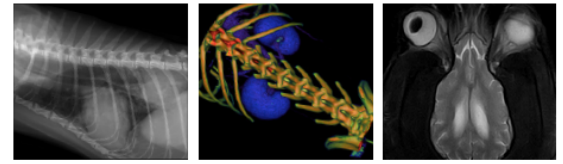
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Except for the regional periodontal disease in lower mandible and missing teeth, the tomographic findings of the head, brain and facial structures are normal. No tomographic changes are detected in the osseous head or brain attenuation (or mass effect) that could be correlated to the clinical signs. However, the tomography's sensibility is low compared to the MRI to detect some types of brain lesions, some types of neoplasm, or vascular ischemic disease. Consider epilepsy as a potential differential diagnosis. Other causes include infectious diseases (meningitis, encephalitis), or toxicity.





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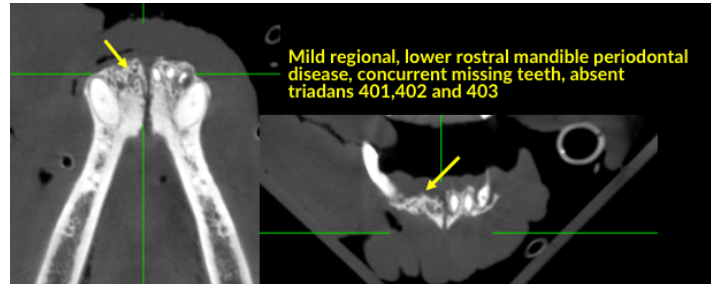
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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