



PATIENT

Trevor Giordano

PRESENTING CLINICAL SIGNS

Shelter dog. Known hear and soft cleft pallet. Partial cleft lip. Episodes of fainting vs seizures. Finished course of clavamox. Chronic nasal discharge Starting on clavamov tonight. Chest radiographs pending.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

English Bulldog Mix

COMPUTED TOMOGRAPHIC FINDINGS

There is a cleft palate with osseous and soft tissue defect over the full length of the palate. The defect is approximately 12mm wide. The incisor portion of the maxillae is isolated from the remainder of the alveolar crest and fused to the malshaped vomer bone only. Triadans 103 and 203 are in their regular maxillary alveolar crest next to the triadans 104 and 204. There is brachygnathia of the maxillae with nasal deformity.

SEX

MN

A moderate amount of fluid attenuating material and moderate mucosal swelling is seen within both nasal cavities. Number and folding of the nasal turbinates are reduced. Mild turbinate destruction is noted in the cranial and mid third of the left nasal cavity. Mild polypoid hyperplasia of the frontal sinus mucosal lining is seen in both frontal sinuses.

AGE

2 Years

No structural neuroparenchymal abnormality of the brain is identified. The attenuation and morphology of the neuroparenchyma present within normal limits on the plain and post contrast studies. Moderate bilaterally symmetric lateral ventriculomegaly of the brain and third ventriculomegaly are seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is mild bilaterally symmetric medial retropharyngeal and submandibular lymphadenomegaly.

HOSPITAL NAME

Stone Cottage
Veterinary Hospital

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Ventriculomegaly of the brain - otherwise normal CT findings of the brain.
- Large congenital cleft palate.
- Brachygnathia superior.
- Mildly destructive rhinosinusitis.
- Mild bilateral medial retropharyngeal and submandibular lymphadenomegaly.

REFERRING VET

Spaccarelli

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No structural brain injury is identified on the CT study of the brain. The negative CT findings increase the potential of primary epilepsy. Complementary CSF analysis could be performed if not done so already in order to screen for nonstructural brain pathology such inflammatory/infectious, metabolic/toxic, neurodegenerative, or other.

INVOICE

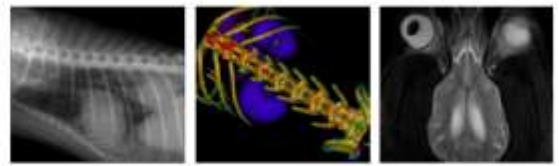
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DATE

12-29-21

The ventriculomegaly is likely within the range of anatomic variation. High pressure hydrocephalus is thought unlikely.

The inflammatory changes appear to be moderate in both nasal cavities. The rhinosinusitis is likely a consequence of the cleft palate with infectious rhinosinusitis such as bacterial, viral, or



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mixed, being considered most likely based on the current CT findings.

The lymph node changes are compatible with reactive lymphadenitis.

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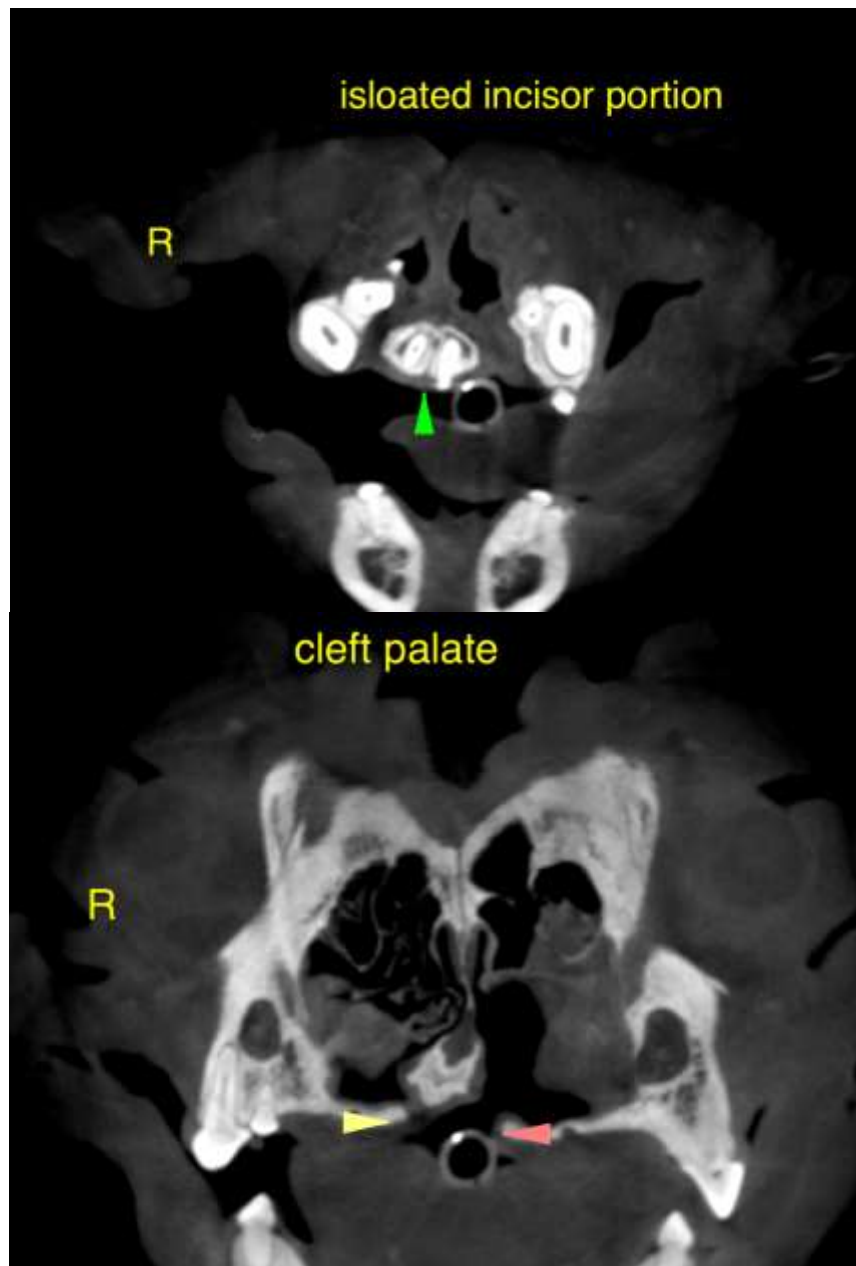
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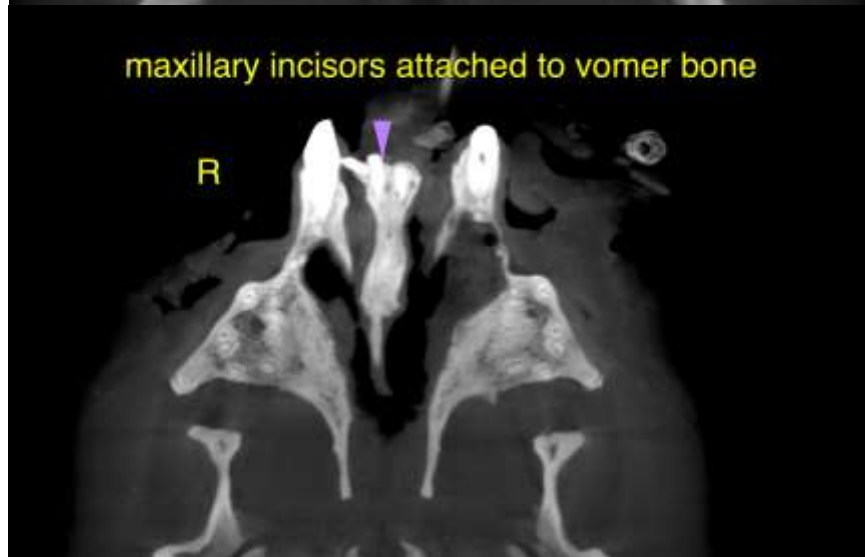
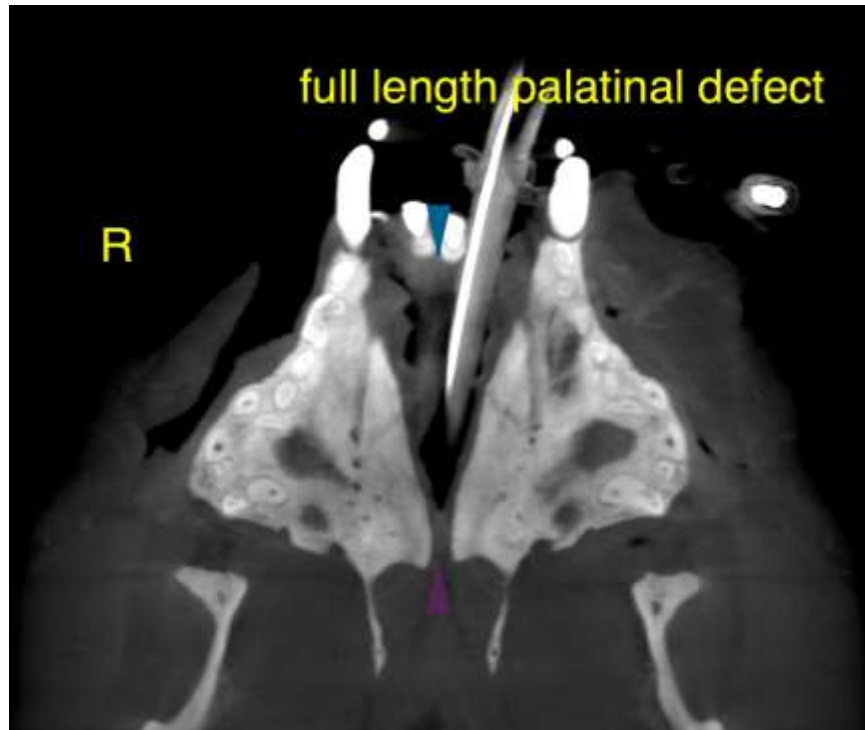
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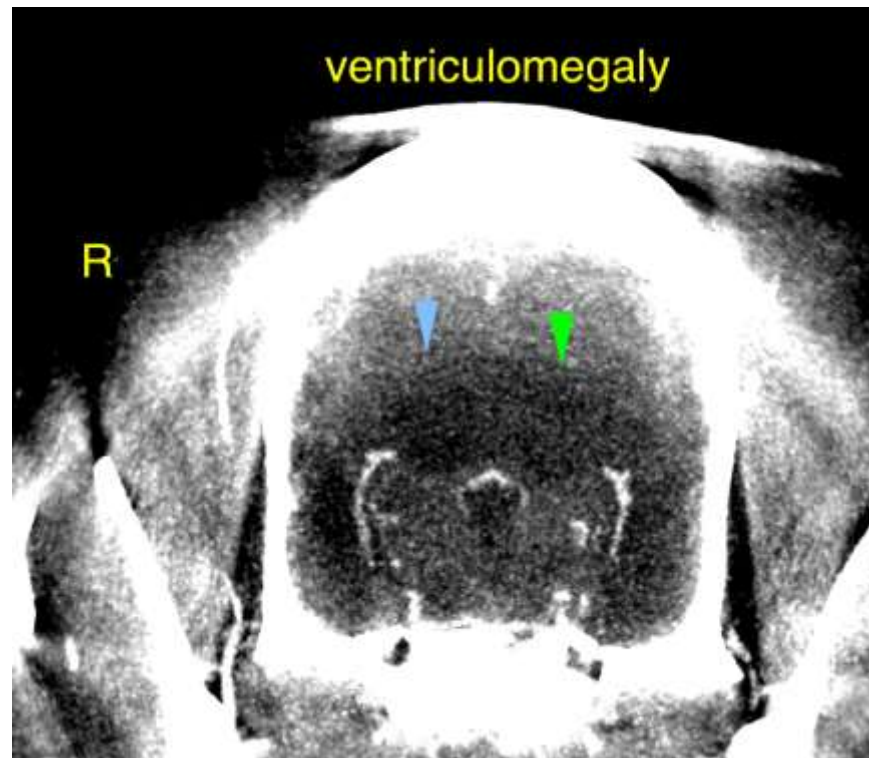
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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