



PATIENT PRESENTING CLINICAL SIGNS

Loco Diego Rich
SPECIES Canine
BREED Chihuahua
SEX MN
AGE 10 Years

Pet presented for CT Scan evaluation for history of frequent vomiting clear foamy fluid and bile with frequent gagging/retching x approx 25 days. Pet is also drooling constantly. Abnormal PE/Chem/CBC/UA Results: Accessory muscle use noted with respiration. During intubation, unable to visualize vocal cords, lots of swelling and suspected mass in retropharyngeal area/bleeding on left side. See attached photos.

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

COMPUTED TOMOGRAPHIC FINDINGS

Skull

Triadan 105, 110, 205, 208, 311 and 411 are absent.
 Moderate destruction of the left nasal conchal structures is seen.

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

A very mild amount of soft tissue attenuating material is seen in the right tympanic bulla. The external ear canals are within normal limits.

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 mandibular lymph nodes bilaterally are prominent, uniform soft tissue attenuating and contrast enhancing. A generalized ill-defined soft tissue swelling of the retropharyngeal region is visible and the subcutaneous fat presents diffuse soft tissue attenuating pattern. There is potential mucosal thickening of the laryngeal structures.

Moderate dorsoventral flattening of the cervical part of the trachea is seen.

Thorax

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

HOSPITAL NAME

Mobile Pet Imaging
 CFL

REFERRING VET

Borecky

INVOICE

49873

DATE

1-26-22



PATIENT

Loco Diego Rich

The ventral aspect of the caudal part of the left cranial lung lobe presents a region with alveolar pattern and air-bronchograms – the volume of the respective region of the lung is maintained. The remainder of the lung parenchyma present the expected architecture and attenuation behavior.

SPECIES

Canine

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

BREED

Chihuahua

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Diffuse swelling retropharyngeal region and possibly the laryngeal structures
- Lymphadenopathy mandibular lymph nodes bilaterally
- Ventrally distributed alveolar pattern caudal part left cranial lung lobe
- Tracheal collapse

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study presents a diffuse swelling of the retropharyngeal region and enlargement of the mandibular lymph nodes bilaterally. A mass cannot be delineated, and potentials include edema – insect bite?, mast cell tumor/round cell neoplasia, inflammation – or hemorrhage. As the findings are not specific recommend FNA sampling of the enlarged mandibular lymph nodes and cyto brush of the laryngeal structures as well.

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The alveolar pattern of the left cranial lung lobe in combination with the given history, is suggestive for aspiration pneumonia.

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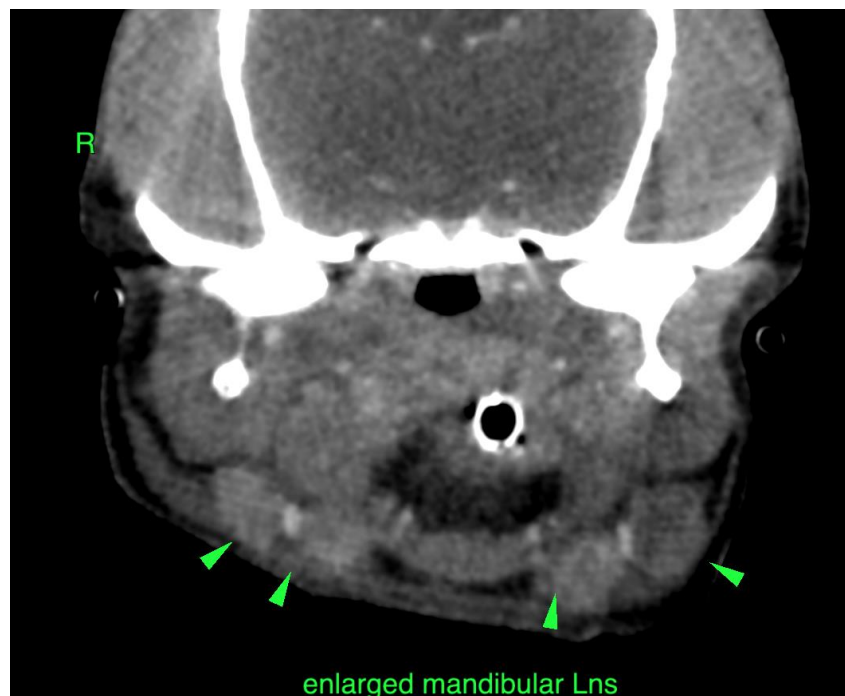
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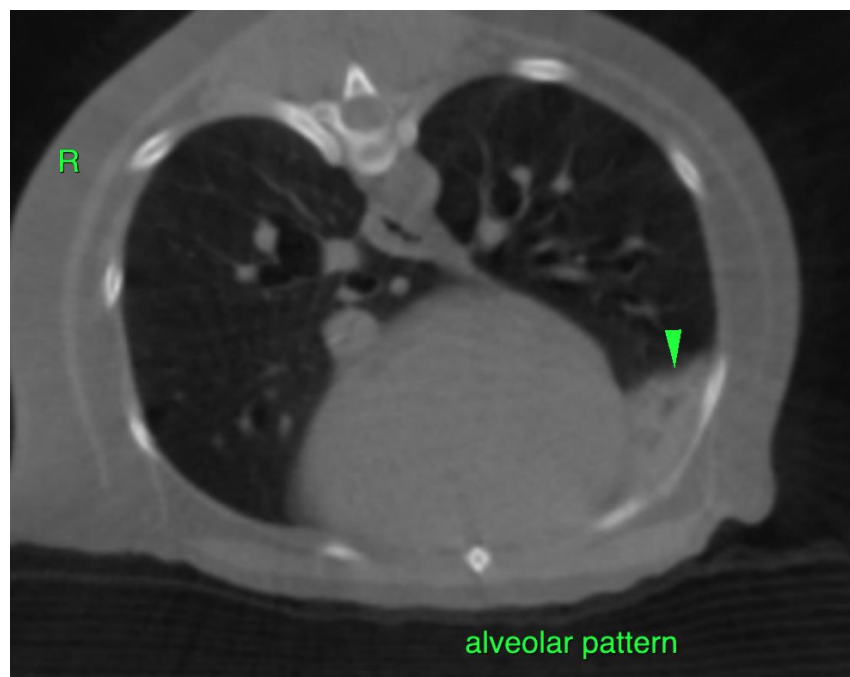
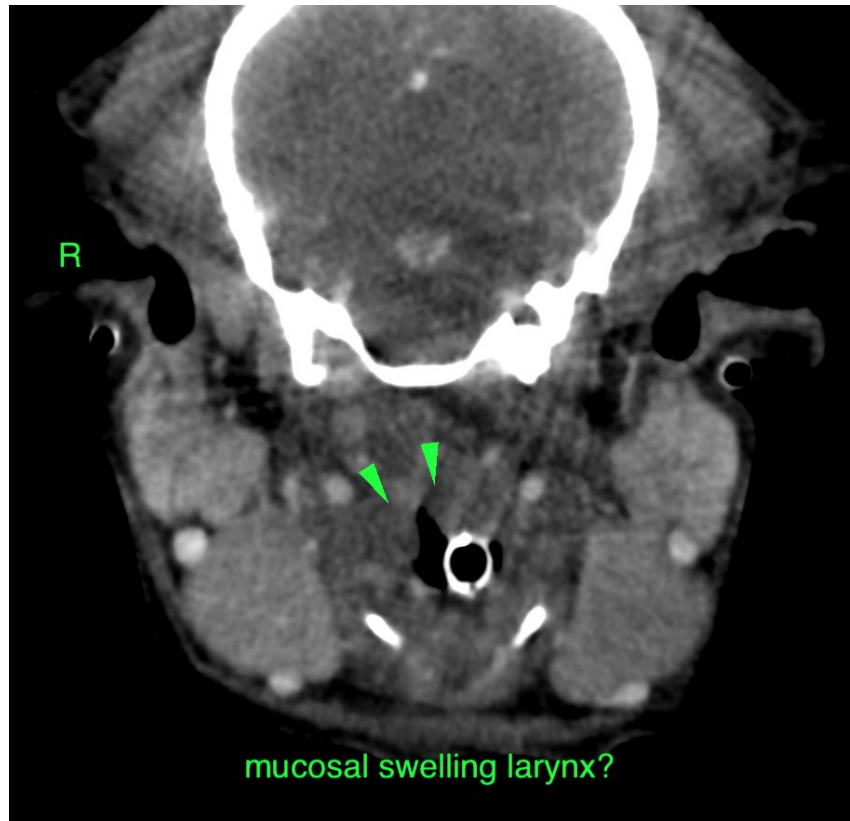
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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