



PATIENT

Duncan Malherbe

SPECIES

Canine

BREED

Brittany Spaniel Mix

SEX

CM

AGE

7 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

VetMed Consultants

REFERRING VET

Greg Huff

INVOICE

50847

DATE

3-8-22

PRESENTING CLINICAL SIGNS

uncan presented for coughing 1-2 times/day over a 5 day period from 2/18/22-2/22/22. The cough then resolved. Radiographs showed a 3cm cranial thoracic soft tissue mass. Ultrasound this morning identified it as a pulmonary mass at the surface of the left cranial lung lobe measuring 33 x 20 x 30 mm. FNA cytology is submitted. CT is requested for staging and surgical options. Current medication: None Current symptoms: The cough has resolved and Duncan seems to be normal. He has a good appetite and normal activity levels.
Abnormal PE/Chem/CBC/UA Results: PE: Normal Lab: Blood work is dated 2/25/22. CBC - PCV = 58%, WBC = 9400, neutrophils = 7050, lymphocytes = 1316, monocytes = 376. Platelets = 243,000. Chemistry - normal. T4 = 1.4. Urinalysis - USG = 1.029, pH = 7.0, negative protein, WBC = 0, RBC = 0-1/hpf, no bacteria, fat droplets = 21-50/hpf. Ultrasound guided fine needle aspirates are obtained from the pulmonary mass. Abdominal ultrasound is normal.

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

An irregular shaped ill-defined soft tissue attenuating mass with heterogeneous enhancement is seen laterally and cranially within the cranial subsegment of the left cranial lung lobe. The mass measures approximately 31mm x 32mm x 27mm. The remainder of the lung presents within age related normal limits.

The left tracheobronchial lymph node is enlarged, rounded, irregular shaped, ill-defined, and presents heterogeneous contrast enhancement. The lymph node measures 19mm x 21mm x 23mm. The remainder of the tracheobronchial and cranial mediastinal lymph nodes present within normal limits.

Mild gastroesophageal reflux is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass within the left cranial lung lobe meeting neoplastic criteria.
- Enlargement of the left tracheobronchial lymph node - meeting neoplastic criteria.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study confirms the presence of a single soft tissue mass within the left cranial lung lobe. The remainder of the lung presents within normal limits.

The left tracheobronchial lymph node is moderately enlarged with heterogeneous enhancement suggesting neoplastic enlargement.

Differential diagnosis includes primary neoplasia of the lung such as carcinoma with metastatic disease to the tracheobronchial lymph node as well as secondary neoplasia of the lung such as sarcoma and round cell neoplasia with involvement of the tracheobronchial lymph node. The findings should be correlated with the results of the pending fine needle aspiration of the cranial lung lobe mass.



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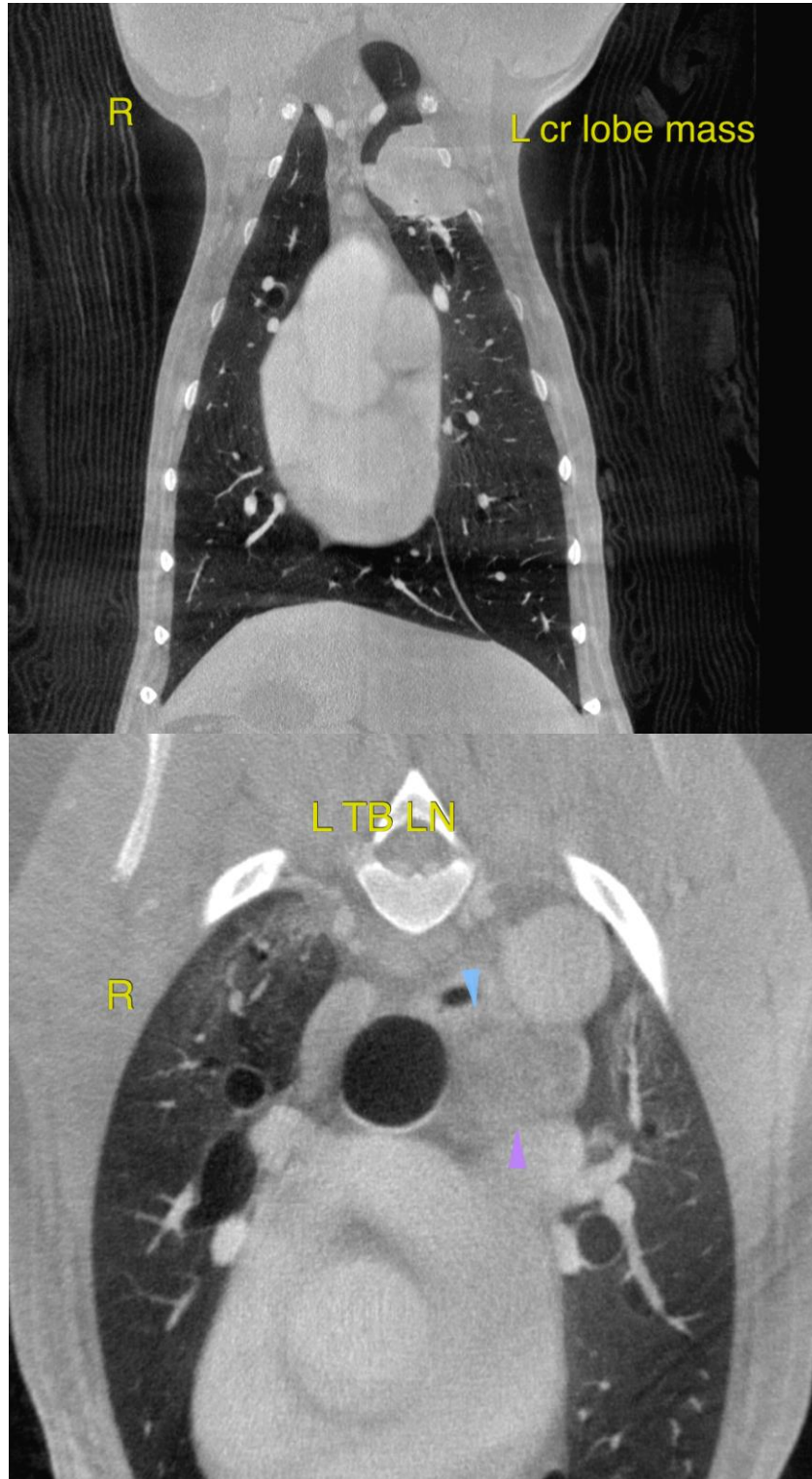
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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Nele Eley, DVM, Dr. med. vet., DipECVDI
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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