



PATIENT PRESENTING CLINICAL SIGNS

Kilates JDAH Patient presented with non productive cough difficulty breathing. X ray showed increased opacity cranial to the heart with moderate cardiomegaly. Patient is positive to heartworm

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

K9 A pre- and post-contrast CT study of the thorax and abdomen are provided for review. A total of 4 series, thorax and abdomen pre-contrast, and delay contrast series are evaluated.

COMPUTED TOMOGRAPHIC FINDINGS

BREED The trachea and main bronchus are normal.

Labrador There is mild multifocal ground glass alveolar attenuation. Consolidation of the right middle lung lobe, and focus of peripheral consolidation, predominantly ventral in the right cranial lung lobe and cranial subsegment of the left cranial lung lobe.

SEX The cardiac silhouette and pulmonary vasculature are normal. (VHS on CT is 9.2v).

Male One of the tracheobronchial lymph nodes is mildly enlarged, normal attenuation. The remainder of the mediastinal lymph nodes are normal.

AGE The pleural space and diaphragm are normal.

10 The thoracic wall and collimated musculoskeletal structures are normal.

INTERPRETED BY The collimated abdomen is normal.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multifocal ground glass pulmonary attenuation and multilobe variable consolidation, predominantly ventral, differential diagnosis includes infectious bronchopneumonia (e.g., bacterial) or aspiration pneumonia. Less likely concurrent mild eosinophilic bronchitis correlated to the patient history of positive Heartworm disease.
- Mild reactive tracheobronchial lymphadenitis.
- No mass effect in the mediastinum.
- Normal cardiovascular system in tomographic exam.

HOSPITAL NAME

Marcos Torres

REFERRING VET INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Jose The computed tomographic findings of bronchopneumonia are correlated to the patient history of non-productive cough and difficulty breathing. The peripheral pulmonary consolidation in the right cranial lung lobe is contiguous to the ventral medial border of the cardiac silhouette, and it is likely the cause of the detected changes in the mediastinum on the previous radiographic exam. There is no evidence of cardiomegaly or signs of abnormal heart shape; the VHS measurement in the CT exam is correlated to radiographic VHS measurement*. Medical therapy for bronchopneumonia is recommended. If the patient does not improve, a bronchoalveolar lavage is suggested for further approach in obtaining samples for cytology, culture, and sensitivity.

INVOICE

57776

DATE

4-13-23



PATIENT

Kilates JDAH

Reference: * Timperman L, Habing G, Green E. The vertebral heart scale on CT is correlated to radiographs in dogs. Vet Radiol Ultrasound. 2021 Sep;62(5):519-524. doi: 10.1111/vru.12976. Epub 2021 Jun 20. PMID: 34148273.

SPECIES

K9

BREED

Labrador

SEX

Male

AGE

10

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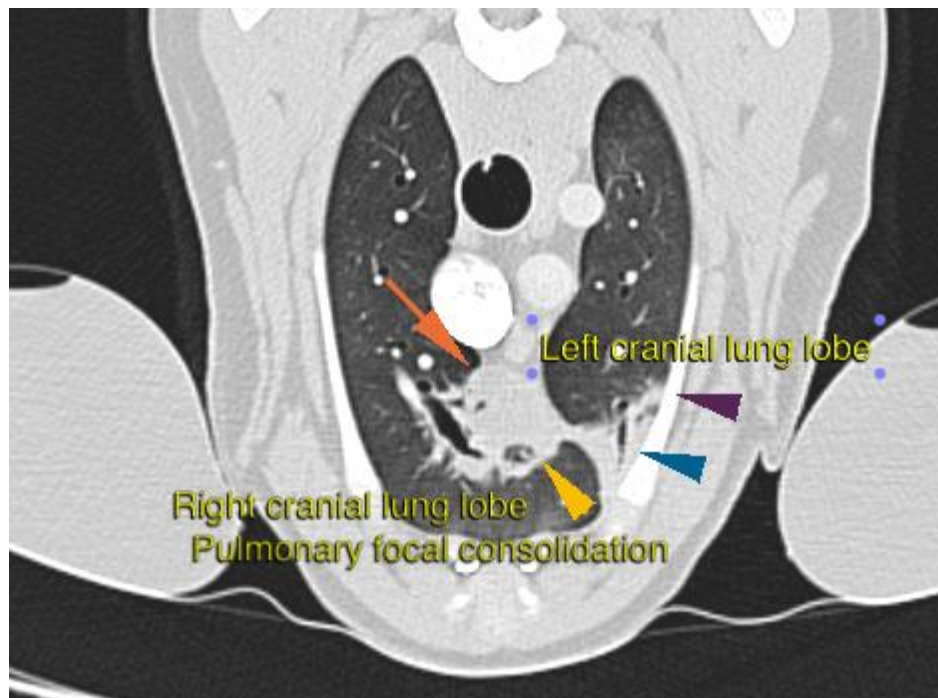
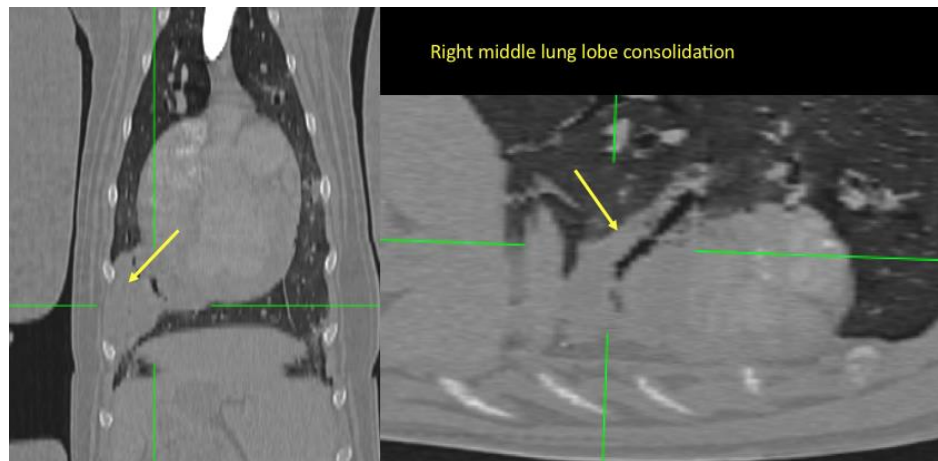
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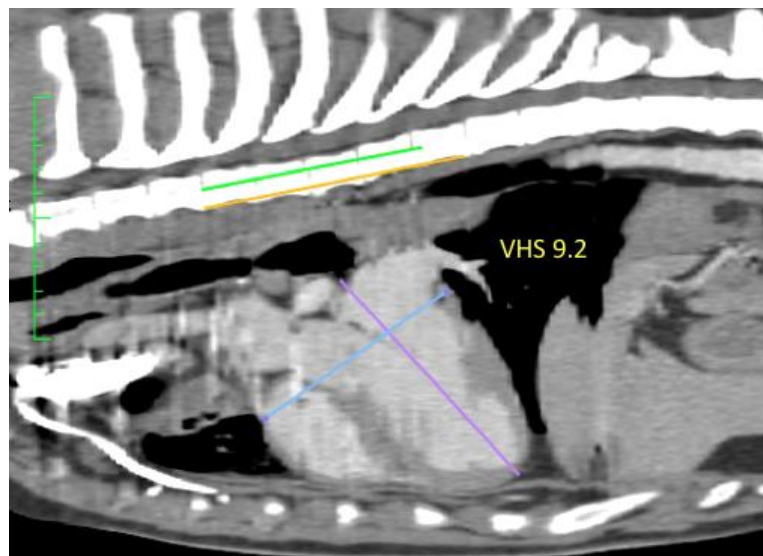
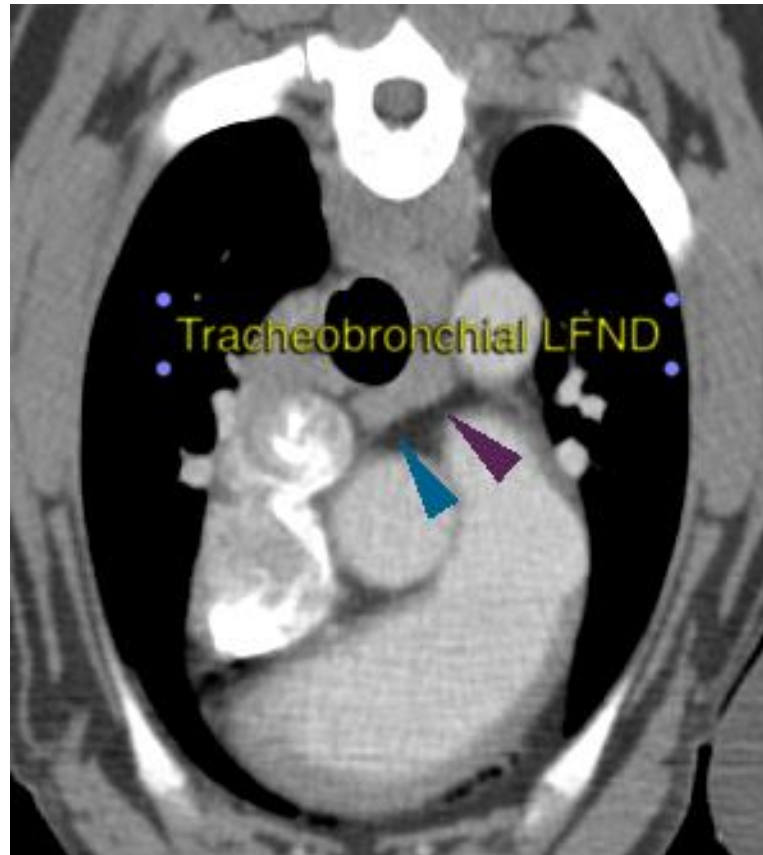
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

K9

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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BREED

Labrador

SEX

Male

AGE

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