



PATIENT PRESENTING CLINICAL SIGNS

Jade Santiago Persistent cough 2/6 Systolic HM Currently on doxy and hycodan, minimal improvement
 Abnormal PE/Chem/CBC/UA Results: Alk Phos: 482 H (5-131) Bun/Creat Ratio: 34 H (4-27)
 Platelet count 846 H (170-400)

SPECIES RADIOGRAPHIC STUDY OF THE THORAX

Canine Radiographs of the thorax in three imaging planes are provided for review. Radiographs are provided in JPEG file format.

BREED RADIOGRAPHIC FINDINGS

Yorkie The vertebral endplates T9/T10 present mild spondylosis formation. The costal cartilages present moderate degenerative changes.

SEX

Female Spayed

The extrathoracic soft tissues present homogeneous without abnormalities.
 The caudal contour of the cardiac silhouette is steep and the caudal cardiac waist is lost. The pulmonary vasculature is within normal limits.

AGE

12 Years

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The cervical tracheal segment is dorsoventrally flattened.
 The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

HOSPITAL NAME

Animal Clinic of Queens

Cranial to the diaphragm, in the midline, a convex shaped structures is visible, me- appears to be continuous with the stomach caudally. The wall of the pyloric antrum of the stomach is subjectively prominent.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

RADIOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Thomas

- Mild left sided cardiomegaly without signs of decompensation
- Soft tissue opacity cranial to the diaphragm in the region of the caudal mediastinum
- Redundant tracheal membrane – can be a precursor for tracheal collapse
- Degenerative changes costal cartilages
- Spondylosis deformans

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

5-9-23

The appreciated soft tissue opacity in the midline, cranial to the diaphragm can present sliding hiatal hernia or paraesophageal hernia and is likely an incidental finding. However, the diagnosis is not definitive differentials can include esophageal mass (e.g. neoplasia, abscess, granuloma), small diaphragmatic hernia with prolapse of liver or pulmonary mass adjacent to the diaphragm. Follow up radiographs of the thorax can be used to check if the soft tissue opacity is reproducible, a CT study can



PATIENT be used for further differentiation as well.

Jade Santiago The mild left sided cardiomegaly is likely a sequela to underlying myxomatous mitral valve degeneration. A cardiac echo can be considered for further assessment of cardiac chamber size and function.

SPECIES No specific abnormality for the described cough is appreciated, however a negative radiographic study does not rule out potential tracheitis/bronchitis.
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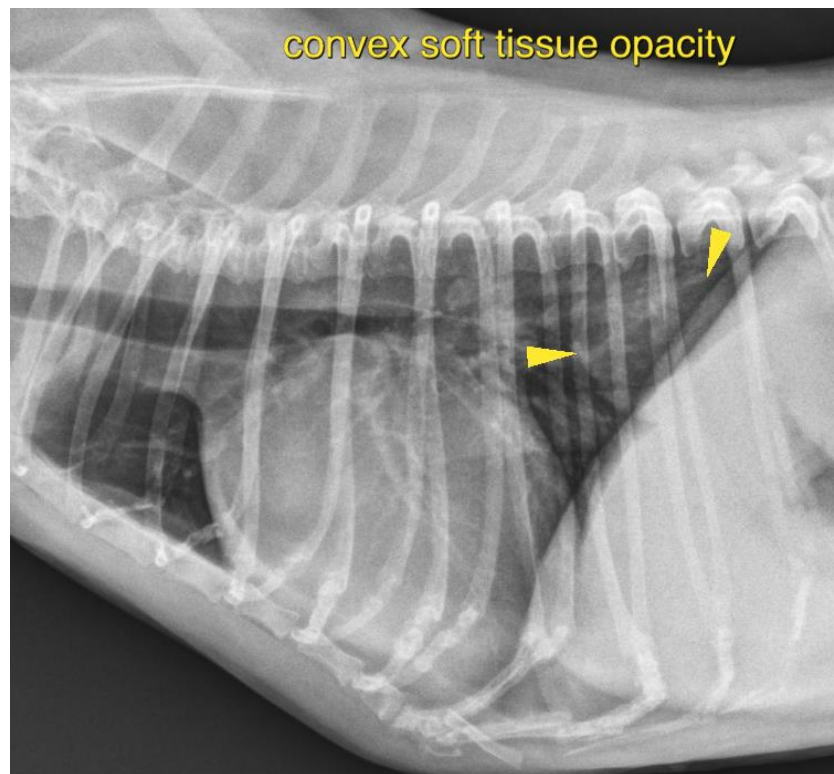
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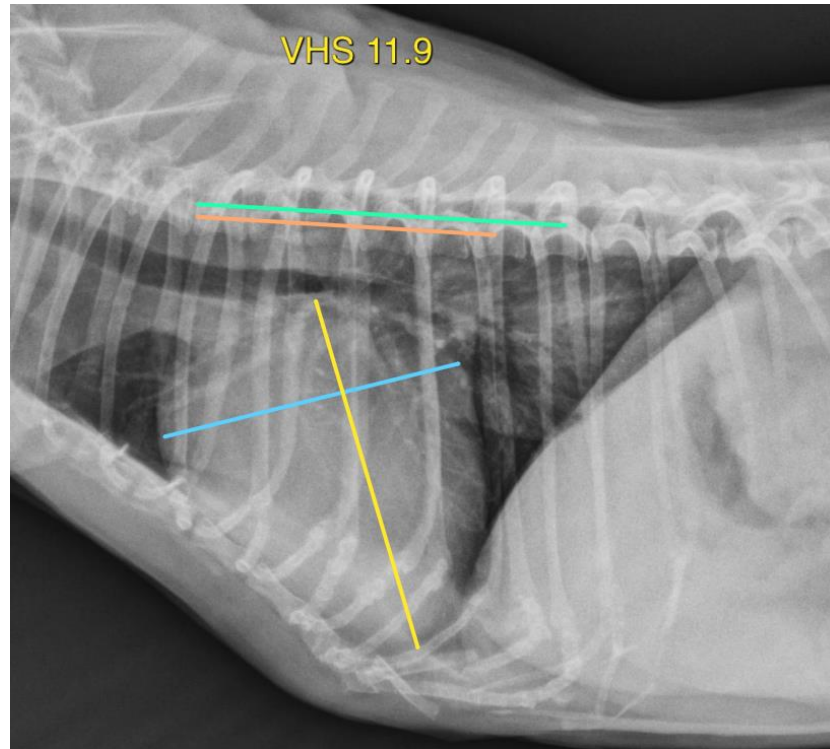
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Jade Santiago

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.

SPECIES

Canine

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