



PATIENT

Kona Morgan

PRESENTING CLINICAL SIGNS

2 weeks reduced appetite, breathing harder, thoracocentesis done - fluid analysis pending. CBC / Chemistry normal. A year ago had similar symptoms and had extensive work up. including heart work up and CT of thorax. No definitive findings and dog resolved and has been fine for a year. (possibly unrelated to current issue?)

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: full chemistry and CBC all normal

BREED

Lab

RADIOGRAPHIC STUDY OF THE THORAX

Radiographs of the thorax in three imaging planes are provided for review.

SEX

Female (Intact)

RADIOGRAPHIC FINDINGS

The vertebral endplates T4/T5 present moderate spondylosis formation.

The extrathoracic soft tissues present homogeneous without abnormalities.

The heart is effaced by the pleural soft tissue material.

AGE

5 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.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

A moderate amount of soft tissue material is visible in the pleural cavity. The lung lobes are retracted from the thoracic wall and pleural fissure lines are visible. The volume of the lung lobes is significantly decreased, and the lung parenchyma presents a generalized ground glass opacification. The accessory lung lobe appears to be consolidated. In the right lateral projection, dorsal to the carina a roundish region of increased soft tissue opacification is noted. In the left lateral projection, level with the 7th intercostal space, a nodular soft tissue opacity is superimposed on the ventral aspect of the lung – suspect superimposed nipple.

HOSPITAL NAME

Q Street Animal Hospital

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

REFERRING VET

Bretschneider

RADIOGRAPHIC DIAGNOSIS

- Moderate pleural effusion
- Consolidated accessory lung lobe
- Roundish soft tissue opacification dorsal to the carina in the right lateral projection
- Spondylosis deformans

INVOICE

51340

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

4-5-22

The findings are fitting the history of pleural effusion, unfortunately no specific underlying cause for the pleural effusion is appreciated. The consolidated accessory lung lobe can be caused by atelectasis secondary to the pleural effusion (considered most likely), pneumonia, hemorrhage, torsion or neoplastic transformation.



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The roundish opacity seen on the right lateral projection is likely caused by summation and superimposition with the retraced margins of the lung rather than presenting a real pulmonary lesion. Draining the thorax and repeating the radiographs can be considered as well as a CT study to rule out pulmonary intraparenchymal lesion and rule out gross pathology of the mediastinum/pleura. Further therapy options depend on the results of fluid analysis and possibly findings of advanced diagnostic imaging.

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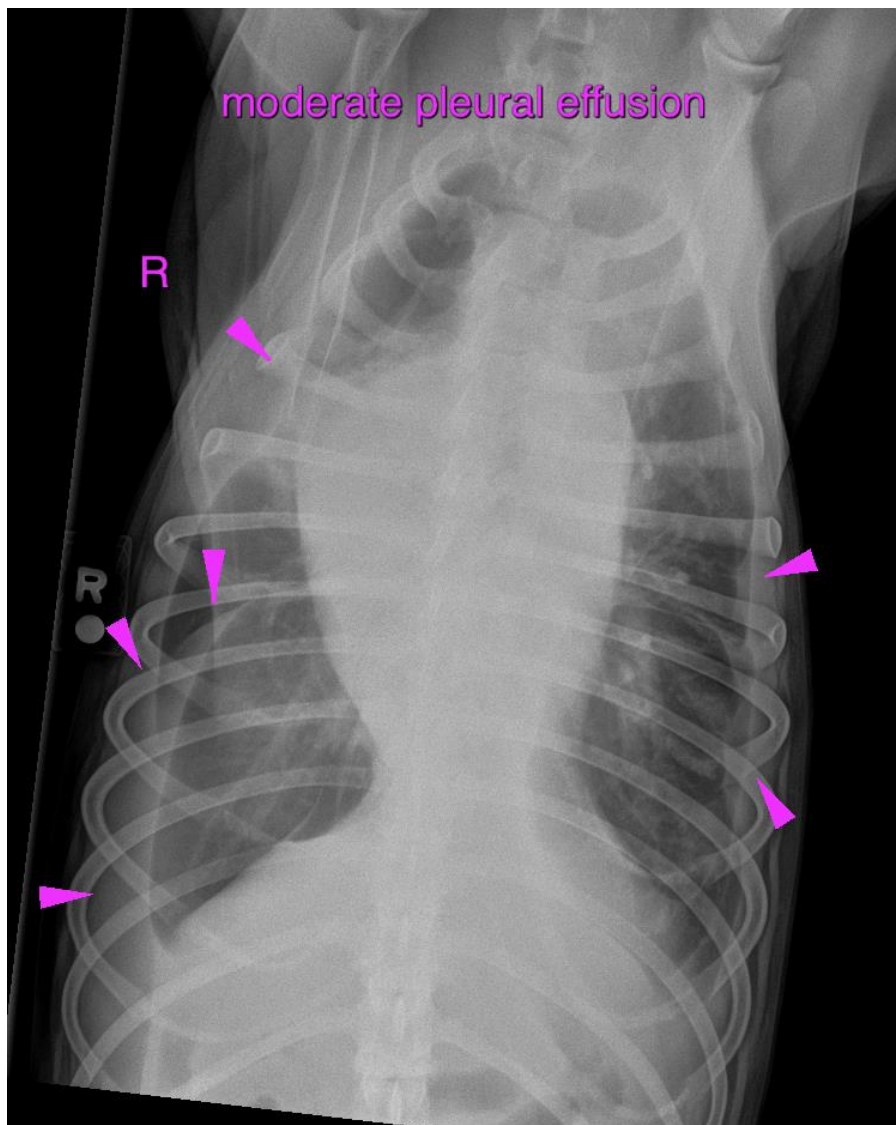
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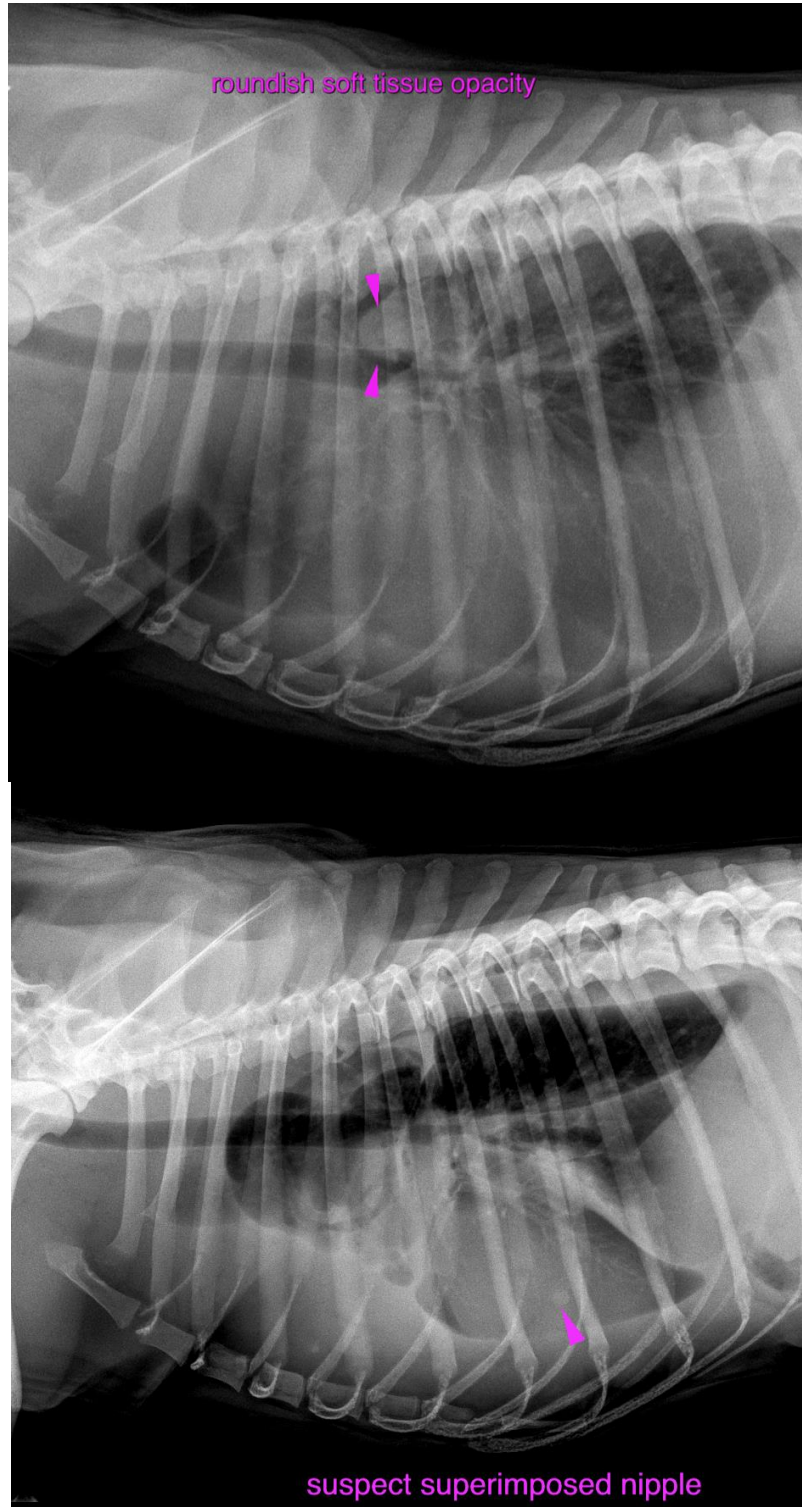
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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