



PATIENT

Bunny Henderson

PRESENTING CLINICAL SIGNS

Pt has had a systolic murmur for some time. Has begun coughing over the last month and it's getting worse. Pt presented today with dyspnea and tachypnea.
Abnormal PE/Chem/CBC/UA Results: Labs are pending

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX

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

BREED

Pomeranian

RADIOGRAPHIC FINDINGS

The surrounding bony structures are within normal limits.

SEX

Female

The extrathoracic soft tissues present homogeneous without abnormalities.

The caudal contour of the cardiac silhouette is steep, and the caudal cardiac waist is lost. A wedge shaped soft tissue opacity is seen level with the left atrium, protruding from the cardiac silhouette. The left principal bronchus is deviated dorsally and abaxial splaying of the main-stem bronchi in the VD view is seen. The pulmonary veins appear prominent.

AGE

15 Years

In the perihilar region, the lung parenchyma presents a moderate irregular ground glass opacification. In the VD view, a roundish soft tissue opacity is superimposed on the caudal aspect of the right caudal lung lobe.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Friendship Springs
Veterinary Care

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

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

REFERRING VET

Trae Cutchin

RADIOGRAPHIC DIAGNOSIS

- Left sided cardiomegaly
- Perihilar unstructured interstitial lung pattern
- Roundish soft tissue opacity right caudal lung lobe

INVOICE

53347

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In combination with the heart murmur, the most common cause for the left cardiac enlargement is mitral valve insufficiency due to myxomatous mitral valve degeneration. The unstructured interstitial lung pattern in the perihilar region in combination with the prominent pulmonary veins, cardiogenic edema is the top differential here. Other differentials can include fibrosis, pneumonitis (inflammatory versus infectious), systemic disease (e.g. pancreatitis, IMHA, renal disease), hemorrhage, neoplasia.

DATE

8-9-22



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Recommend starting diuretic therapy and respective cardiac medication. Follow up radiographs can be used to check if radiographic changes are regressive under therapy. A cardiac echo will allow further evaluation of cardiac chamber size and function.

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The roundish soft tissue opacity of the right caudal lung lobe can present a superimposed prominent nipple, in case of strong suspicion for pulmonary nodule, barium can be used to mark the nipple and repeat the VD view of the thorax.

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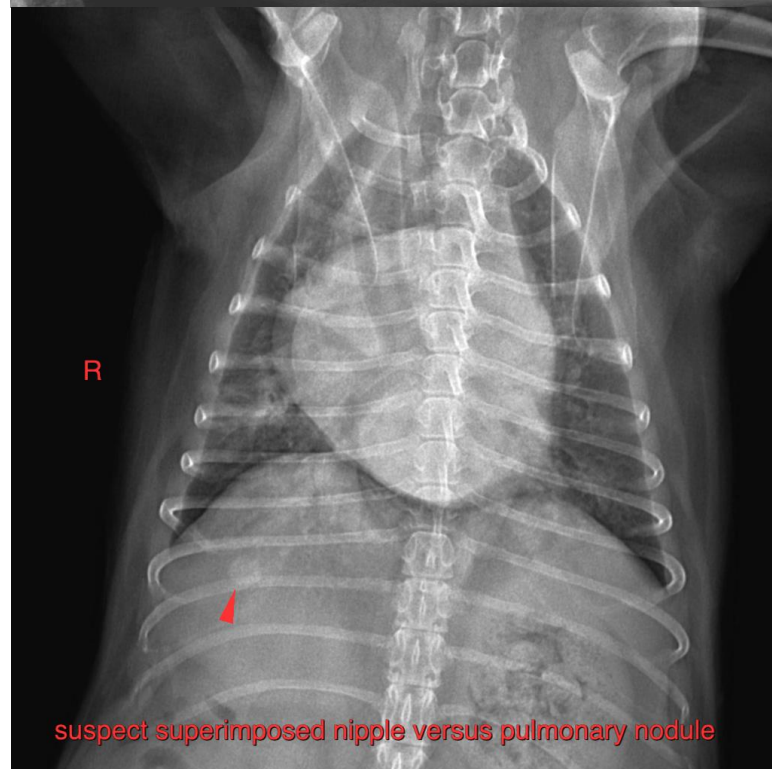
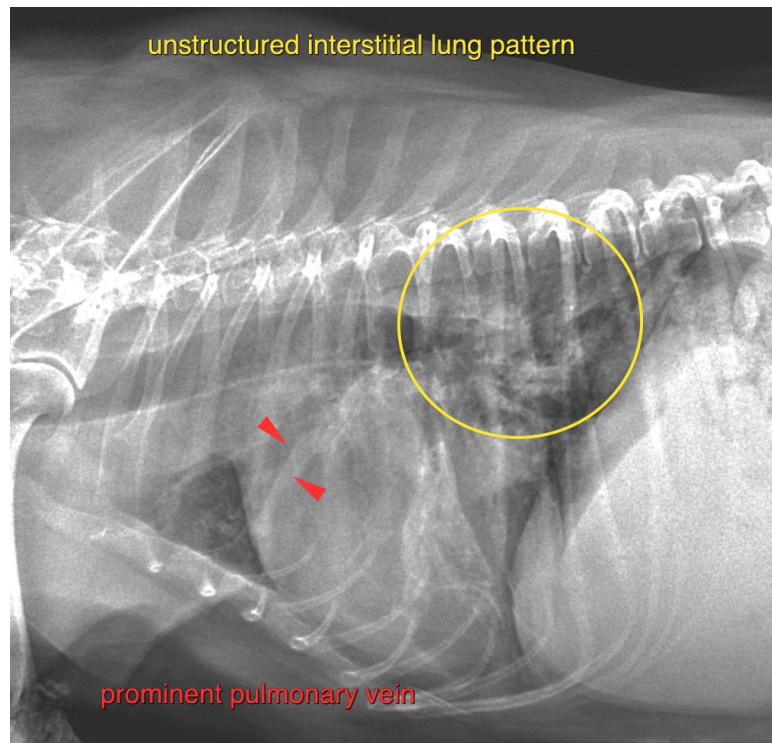
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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

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