



PATIENT PRESENTING CLINICAL SIGNS

Winston Kirkwood excessive panting and reduced appetite .HM grade 4/6
Abnormal PE/Chem/CBC/UA Results: elevated WBC and ALP

SPECIES RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Canine A complete set of radiographs of the thorax & abdomen is provided for review.

RADIOGRAPHIC FINDINGS

BREED Thorax

Dachshund The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

SEX A small amount of soft tissue material is seen in the pleural space and pleural fissure lines are noted in the VD view of the thorax.

Male Neuter The cardiac silhouette . The pulmonary vasculature is within normal limits.

AGE 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.

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

INTERPRETED BY The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

Sebastian Schaub, DVM Dr. med. vet. DipECVDI The right caudal lung lobe presents a generalized significant unstructured reticular lung pattern, effacing the pulmonary vessels. The left caudal lung lobe presents a zone of ground glass opacity in the hilar region.

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

St. Catherine's Animal Hospital Abdomen

The surrounding bony structures are within normal limits.

REFERRING VET No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.

Dr. Boctor The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

The hepatic volume is increased, the liver is protruding caudally beyond the costal arch and the caudoventral hepatic margins are rounded.

INVOICE The splenic head is in the anticipated position and within normal limits for size and opacity.

59753 Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.

DATE The stomach is in its anticipated position and presents normal content.

8-16-23 The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the



PATIENT small intestinal loops and considered within normal limits.

Winston Kirkwood The colon is seen in the expected position and presents with appropriate content.

RADIOGRAPHIC DIAGNOSIS

SPECIES

- Cardiomegaly
- Mild pleural effusion

Canine

- Hepatomegaly

BREED INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dachshund The appreciated cardiomegaly in combination with the heart murmur is most suggestive for underlying mitral valve disease and secondary mitral valve insufficiency. The interstitial lung pattern accentuated of the right caudal and the left caudal lung lobe can present secondary cardiogenic pulmonary edema – regurgitant jet can be directed on the pulmonary vein of the right caudal lung lobe. Differentials for the interstitial lung pattern would include pneumonitis, pulmonary hemorrhage, infarction or less likely systemic disease (e.g. pancreatitis, renal disease), fibrosis or neoplasia.

SEX
Male Neuter

AGE
13 Years

Although uncommon, the pleural effusion can be a sequela to increased interstitial pulmonary pressure due to left heart failure. An ultrasound guided pleural tap can be tried to rule out other quality of the pleural effusion.

INTERPRETED BY Complementing workup by proBNP can be used to confirm cardiogenic origin. A cardiac echo would be an ideal advanced imaging modality as well.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy, hepatitis or neoplastic infiltration. Ultrasound including FNA sampling can be used as minimally advanced diagnostic tests.

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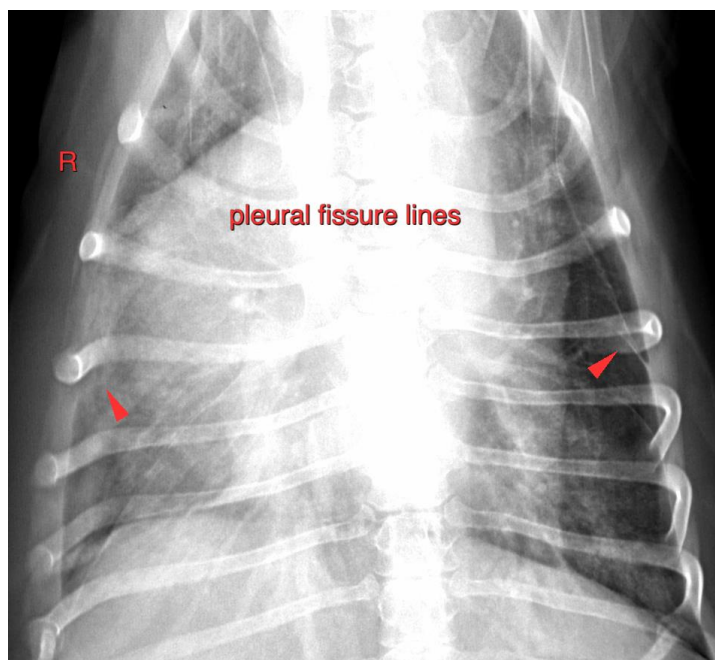
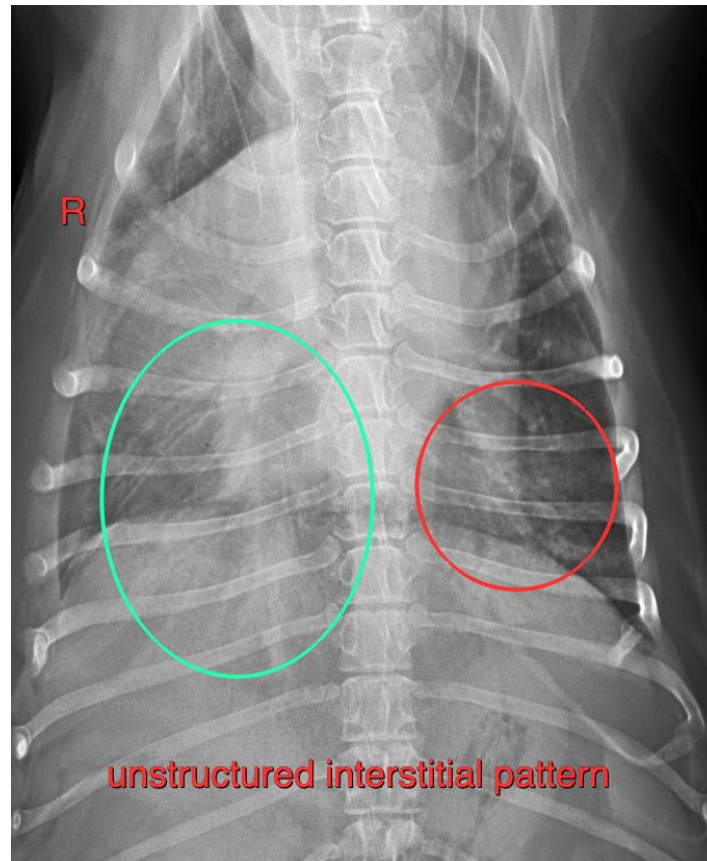
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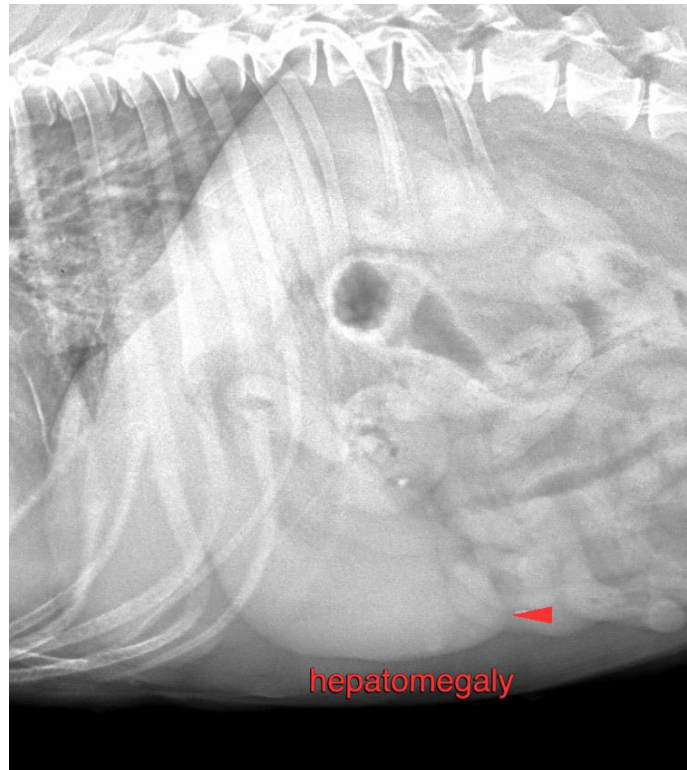
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@sonopath.com