



PATIENT

Molly Smith

PRESENTING CLINICAL SIGNS

Dry hacking cough started two weeks ago. Heart murmur grade 4/6 No V/D. eating well. Normal activity level. Urinated some in exam room. Post X-rays, drained around 12 ml urine (Cysto).
Abnormal PE/Chem/CBC/UA Results: Blood work indicate very mild increase in Albumin, mild increase in Cholesterol, increase in K 7.4 (5.3), otherwise unremarkable / normal. CBC normal.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE NECK, THORAX, & ABDOMEN

An overview study including the thorax – including the neck in the lateral projection – and abdomen in three imaging planes is provided for review.

BREED

Shih Thu Mix

RADIOGRAPHIC FINDINGS

The body condition score is 7/9.

SEX

Female Spayed

The lateral projections are mild to moderately rotated.

Thorax

The surrounding bony structures are within normal limits.

AGE

10 Years

The extrathoracic soft tissues present homogeneous without abnormalities.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The caudal contour of the heart is steep, and the caudal cardiac waist is lost. The vertebral heart score is 10.7. The pulmonary vasculature is within normal limits.

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.

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St. Catherine's Animal
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The trachea has a mild undulating course level with the cranial thoracic aperture – likely due to flexion of the head. A mild dorsoventral narrowing of the cervical segment of the trachea is noted. The luminal outline of the trachea is smooth.

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

REFERRING VET

Dr. Bekhit

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

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

INVOICE

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Abdomen

The surrounding bony structures are within normal limits.

DATE

10-18-21

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

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

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

The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic body and tail are considered normal for position, size, shape and opacity.

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Canine

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.

BREED

Shih Thu Mix

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

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

SEX

Female Spayed

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

AGE

10 Years

RADIOGRAPHIC DIAGNOSIS

- Mild hepatomegaly
- Mild left cardiac enlargement without evidence of decompensation
- Possible mild tracheal collapse – likely incidental

INTERPRETED BYSebastian Schaub, DVM
Dr. med. vet. DipECVDI**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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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The mild left cardiac enlargement in conjunction with the heart murmur is suggestive for underlying mitral valve insufficiency due to myxomatous mitral valve degeneration. A cardiac echo can be considered for further evaluation of cardiac chamber size and function. At this point there are no signs for decompensation.

REFERRING VET

Dr. Bekhit

No specific cause for the history of cough is appreciated; but normal radiographs do not rule out potential tracheitis/bronchitis completely.

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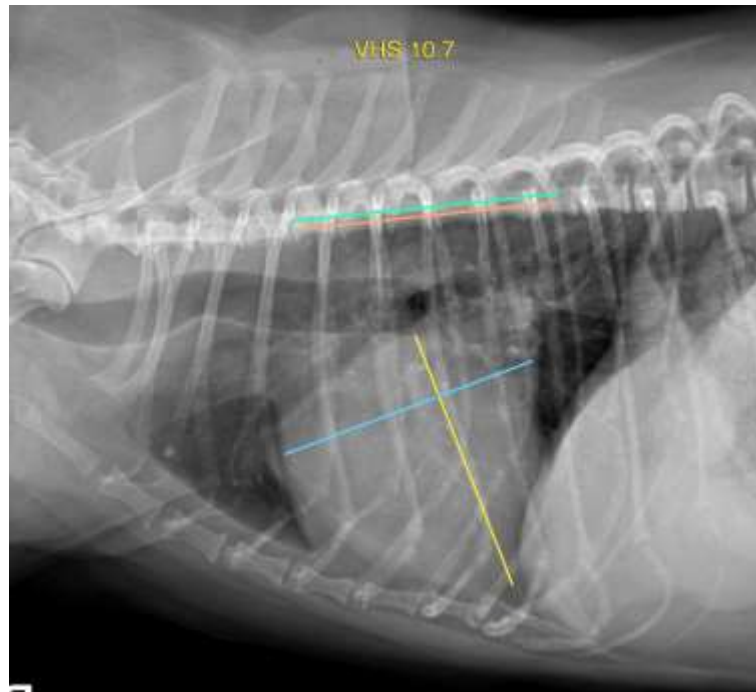
Dr. Bekhit

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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.

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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.

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Shih Thu Mix

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