



PATIENT PRESENTING CLINICAL SIGNS

Quark Resch Recently diagnose with hypothyroidism. On PE no heart murmur appreciated but usually presented with open mouth breathing in exam room.

SPECIES RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Feline A complete set of radiographs of the thorax and abdomen is provided for review.

BREED RADIOGRAPHIC FINDINGS

Domestic Shorthair Thorax

The 12th&13th left rib present a chronic fracture in the mid segment, completely bridged by smooth callus formation.

SEX The extrathoracic soft tissues present homogeneous without abnormalities.

Male Generalized enlargement of the cardiac silhouette is seen, the heart is occupying approximately 90% of the thoracic width in the VD view with a 'valentine-shape'. The vertebral heart score is 9.5 (normal ≤ 8.2). 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 trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

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

HOSPITAL NAME Truscott Animal Hospital The lung parenchyma, predominantly the caudoventral lung field presents a mild to moderate ground glass opacification.

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

REFERRING VET Abdomen

Medhat Meawad The surrounding bony structures are within normal limits.

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

49808 The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

DATE The liver is appropriate in position, size and presents uniform opacity.

1-24-22 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.



PATIENT

Quark Resch

Both kidneys are seen and present with normal size, shape, delineation and opacity. A small mineralized body is superimposed on the imaging plane of the right renal pelvis. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the lower urinary tract.

SPECIES

Feline

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.

BREED

Domestic Shorthair

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

RADIOGRAPHIC DIAGNOSIS

SEX

Male

- Generalized cardiomegaly
- Unstructured interstitial lung pattern caudoventral lung field
- Suspect right sided mild nephrolithiasis
- Chronic rib fracture 12th&13th left rib

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

12 Years

The cardiomegaly is concerning for underlying cardiomyopathy – such as hypertrophic cardiomyopathy – other potentials for cardiomegaly include bradycardia, volume overload, (fever). A cardiac echo appears beneficial as advanced imaging modality, for further assessment of cardiac chamber size and function.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The unstructured interstitial pattern is not specific and is likely accentuated by hypoinflation of the lung parenchyma and radiographic changes need to be correlated with clinical signs (e.g. dyspnea, cough?). Potentials include edema in transition (no signs of enlargement of the pulmonary vessels), pneumonitis, fibrosis, hemorrhage, neoplasia.

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PATIENT

Quark Resch

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Domestic Shorthair

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Male

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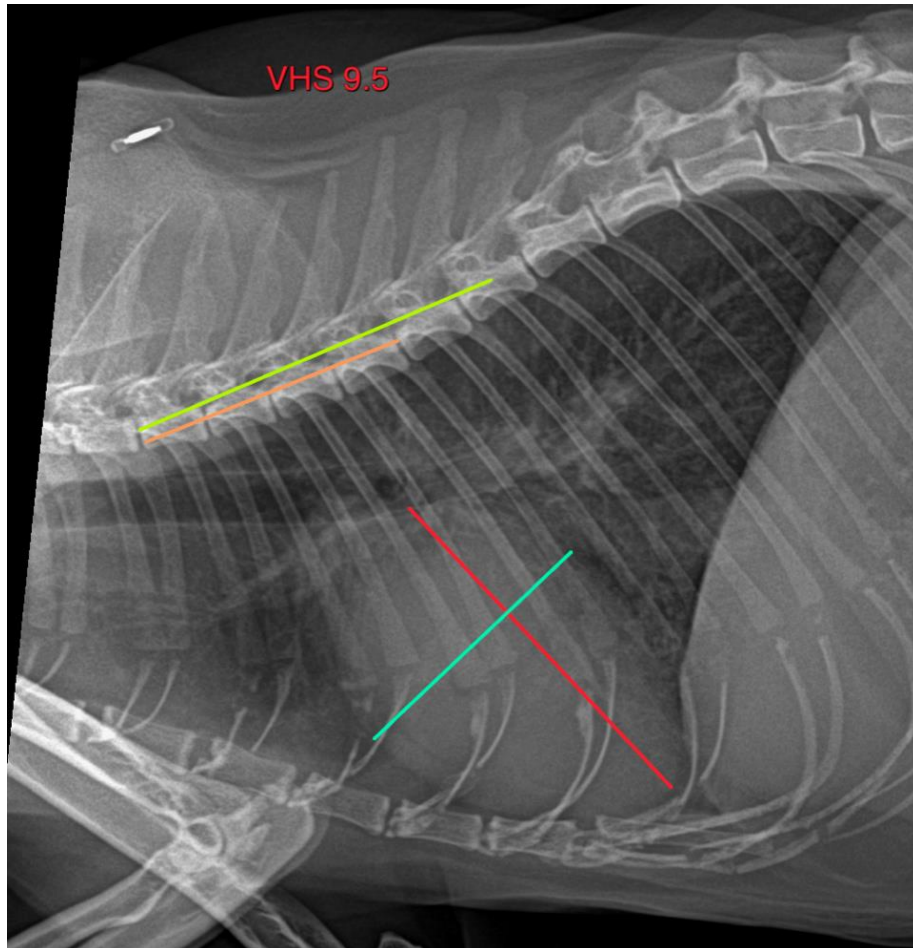
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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