



PATIENT PRESENTING CLINICAL SIGNS

Sabrina Pinero Innapetence, severe dental disease. Hospitalized 2 days on IV Fluids for azotemia. Given Convenia, Baytril, Azodyl, GI protectants, cerenia Eating well after iv fluids and treatment. Please evaluate the abdomen and chest. Will repeat bloodwork in 5 days.

SPECIES Abnormal PE/Chem/CBC/UA Results: Severe dental disease, azotemia AMY 1241 200 - 1200 U/L HIGH * BUN 82 7 - 25 mg/dL HIGH * PHOS 8.6 2.9 - 6.6 mg/dL HIGH * CRE 2.4 0.3 - 1.4 mg/dL HIGH * K+ 5.9 3.7 - 5.8 mmol/L HIGH * Urinalysis: Protein 2+ NEGATIVE HIGH

Canine

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

BREED Right lateral and ventrodorsal whole body view and additional right lateral view of the thorax totaling 3 images available for review.

Yorkie

RADIOGRAPHIC FINDINGS

SEX Thorax

Spayed Mild generalized cardiomegaly with loss of the caudal cardiac waist, mild basico-apical enlargement of the cardiac silhouette, and a hat sign are seen. The vertebral heart score is 11.4.

AGE Course and width of the trachea are within normal limits on the available images.

15 Years Multifocal moderate cylindrical bronchiectasis is seen. There is a moderate generalized bronchial lung pattern which is evenly distributed throughout the lung.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Multiple sites of spondylosis deformans with vertebral end plate sclerosis and reduced intervertebral disc space width are seen throughout the deep cervical spine and cervicothoracic junction.

HOSPITAL NAME

Sunset Animal
Hospital

Abdomen

The abdominal cavity is voluminous in appearance.

Mild generalized hepatomegaly and prominence of the splenic tail are noted.

REFERRING VET

Cristina Polit

The urinary bladder is severely distended. Two polygonal shaped strongly mineral opaque structures of 6mm and 7mm size are seen within the urinary bladder.

Moderate bilateral coxofemoral joint and bilateral stifle joint osteoarthritis is seen.

RADIOGRAPHIC DIAGNOSIS

INVOICE

53757

DATE

8-25-22

- Mild generalized cardiomegaly with no evidence of volume overload.
- Hat sign indicating potential for pulmonary artery enlargement.
- Bronchial lung pattern with bronchiectasis.
- Mild hepatomegaly
- Mild splenomegaly
- Urinary bladder calculi.
- Chronic intervertebral disc disease within the deep cervical and cervicothoracic spine.



PATIENT

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- Bilateral stifle and coxofemoral joint osteoarthritis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The radiographic study reveals mild cardiomegaly which appears to affect the left and right heart. There is a hat sign indicating potential for pulmonary arterial enlargement which may be due to cor pulmonale or pulmonic stenosis. Further definition by means of a cardiac echo could be considered depending on the clinical signs.

BREED

Yorkie

The bronchial lung pattern with bronchiectasis indicates presence of chronic lower airway disease such as allergic lower airway syndrome or infectious bronchitis such as viral, bacterial, and less likely parasitic. The presence of bronchiectasis is typically associated with decreased mucociliary clearance rates and may predispose to superinfection.

SEX

Spayed

Differential diagnosis for the hepatomegaly includes vacuolar, metabolic, and endocrine, inflammation/infection, infiltrate hepatopathy. Correlate with the laboratory values and consider ultrasound for further definition.

AGE

15 Years

The splenomegaly may be due to congestion, idiopathic hypersplenism, splenitis, extramedullary hematopoiesis, or infiltrative disease. Further definition by means of ultrasound could be considered.

Note the presence of urinary bladder calculi. Based on their radiopacity, oxalate and less likely struvite calculi are likely. The presence of concurrent lower urinary tract infection has to be considered.

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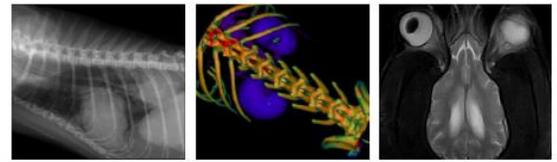
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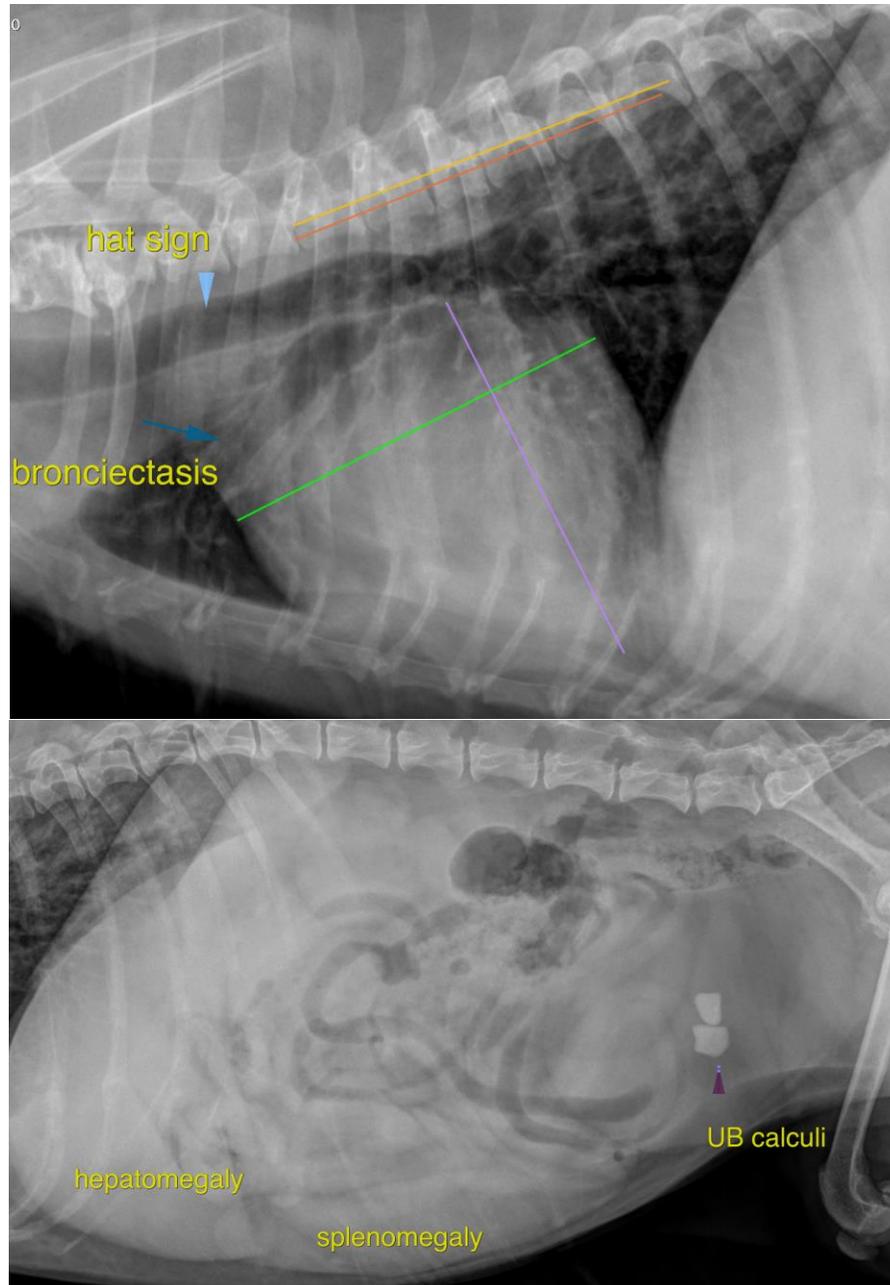
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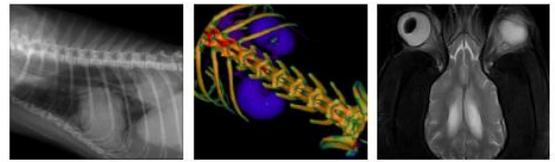
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

Nele Eley, DVM, Dr. med. vet., DipECVDI
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