



PATIENT PRESENTING CLINICAL SIGNS

Bongsoon Kil History: Heart Murmur - 1/6 murmur Cardiac disease vs Respiratory vs both IVDD
Abnormal PE/Chem/CBC/UA Results:

SPECIES RADIOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

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

RADIOGRAPHIC FINDINGS

BREED

Thorax

Maltese

The skeletal structures present a generalized moderate increased radiopacity.

SEX

The sternum presents a mild to moderate dorsal bending with resultant dorsoventral flattened conformation of the thoracic cavity. The elbow joints show moderate osteophyte new bone formation. Dorsal to T12/T13, a roundish subcutaneous mass measuring approximately 2 cm in size is visible.

Female

AGE

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

14 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 caudal cervical segment of the trachea presents a mild to moderate reduced height. The principal bronchial are flattened.

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

HOSPITAL NAME

Animal Paradise H

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.

REFERRING VET

Dr. Mostafa Elshafie

Abdomen

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

INVOICE

13887

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

The hepatic volume is mildly increased and the caudoventral margins are rounded. The gastric axis is mildly oriented caudally.

DATE

10/19/21



PATIENT

Bongsoon Kil

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

Both kidneys are seen and present with normal size, shape, delineation and opacity. A mild amount of mineralized material is accentuating the left renal pelvis. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the lower urinary tract.

SPECIES

Canine

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

BREED

Maltese

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.

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

SEX

Female

RADIOGRAPHIC DIAGNOSIS

- Suspect bronchial collapse
- Mild tracheal collapse
- Hepatomegaly
- Generalized osteopenia
- Degenerative osteoarthritis elbow joints
- Subcutaneous mass dorsal to thoracolumbar junction
- Left sided mild nephrolithiasis
- Mild dorsal bending of the sternum

AGE

14 Years

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study is concerning for bronchial collapse and mild tracheal collapse. Correlate with presenting clinical signs. No overt enlargement of the cardiac silhouette is noted, as a cardiac murmur is present, a cardiac echo can be used for further definition of cardiac chamber size and function.

HOSPITAL NAME

Animal Paradise H

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.

REFERRING VET

Dr. Mostafa Elshafie

The generalized osteopenia is likely an age related finding. Rule out accompanying renal disease or signs for hyperparathyroidism.

Further definition of the subcutaneous mass dorsal to the thoracolumbar junction warrants FNA sampling.

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REFERRING VET

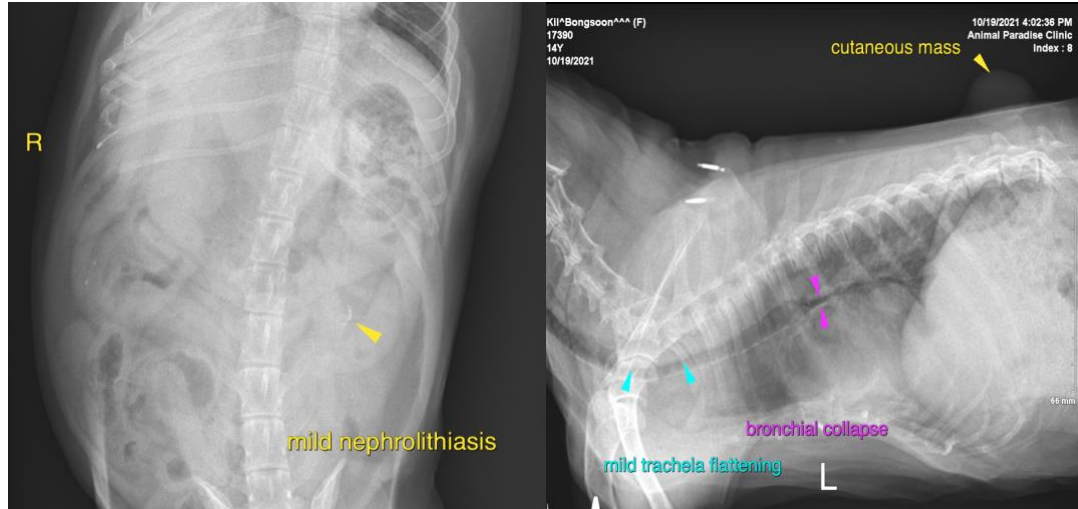
Dr. Mostafa Elshafie

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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.

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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