



PATIENT

Patches Kuzmich

PRESENTING CLINICAL SIGNS

Coughing started two days ago (on Saturday and Sunday), no coughing today. No V/D Eating OK. Heart murmur grade 3/6 detected few months ago. History of left hip dysplasia 6 months ago. Mild lameness on left hind leg.

SPECIES

Abnormal PE/Chem/CBC/UA Results: Blood work indicate very mild increase in ALKP 161 (0-140), otherwise unremarkable / normal

Canine

RADIOGRAPHIC STUDY OF THE THORAX, ABDOMEN, & PELVIS

BREED

Right/left lateral whole body views, ventrodorsal views of thorax and abdomen including the pelvis totaling 4 images available for review.

Shih Tzu

RADIOGRAPHIC FINDINGS

SEX

Thorax

Female Spayed

One elbow shows moderate to severe osteoarthritic changes.

The last rib pair is reduced in size. The vertebral count is normal.

AGE

The extrathoracic soft tissues present homogeneous without abnormalities.

13 Years

The heart is of normal size and shape and there is no evidence of cardiac chamber or vascular enlargement. The vertebral heart score is 9.5. The pulmonary vasculature is within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

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

HOSPITAL NAME

St. Catharine's Animal
Hospital

There is a mild generalized bronchial lung pattern without peribronchial cuffing and with even distribution throughout the lung.

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

REFERRING VET

DR. BEKHIT

Abdomen

Small foci of mineralization are seen in the right inguinal fold. Remnants of suture material from prior celiotomy appear to be in the ventral abdominal midline.

INVOICE

47099

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

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

DATE

8-23-21

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.

Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary



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bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.

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

SPECIES

Canine

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.

BREED

Shih Tzu

Pelvis

Severe dysplasia and severe coxofemoral osteoarthritis is noted in both hind limbs. The joint spaces are irregular in width. Subchondral bone sclerosis is noted. The femoral head coverage is poor and there is a large amount of periacetabular as well as circumferential femoral head and femoral neck osteophytes.

SEX

Female Spayed

The left hind limb presents reduced muscle volume.

RADIOGRAPHIC DIAGNOSIS

- Mild bronchial lung pattern.
- Severe bilateral hip dysplasia and coxofemoral osteoarthritis with left sided muscle atrophy.
- Radiographically normal cardiac silhouette.
- Moderate to severe elbow osteoarthritis.

AGE

13 Years

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Dr. med. Vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A mild bronchial lung pattern is the only structural change noted in the thorax radiographically. This may be within age related normal limits; however, low grade chronic lower airway disease such as irritant bronchitis or eosinophilic bronchopneumopathy cannot be ruled out. Infectious bronchitis such as viral, bacterial, parasitic, or protozoal is another possibility since radiographic changes may well lag behind the clinical signs. Empirical management for bronchitis could be discussed versus immediate further definition by means of lower airway endoscopy with airway sampling.

HOSPITAL NAME

St. Catharine's Animal Hospital

Bilateral coxofemoral osteoarthritis is seen with reduced muscle volume presumably secondary to disuse in the left hind limb.

REFERRING VET

DR. BEKHIT

The radiographic presentation of the abdomen was within age related normal limits. The small foci of mineralization within the retroperitoneal space and ventral abdominal midline are presumed to stem from prior neuter.

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HOSPITAL NAME

St. Catharine's Animal
Hospital

REFERRING VET

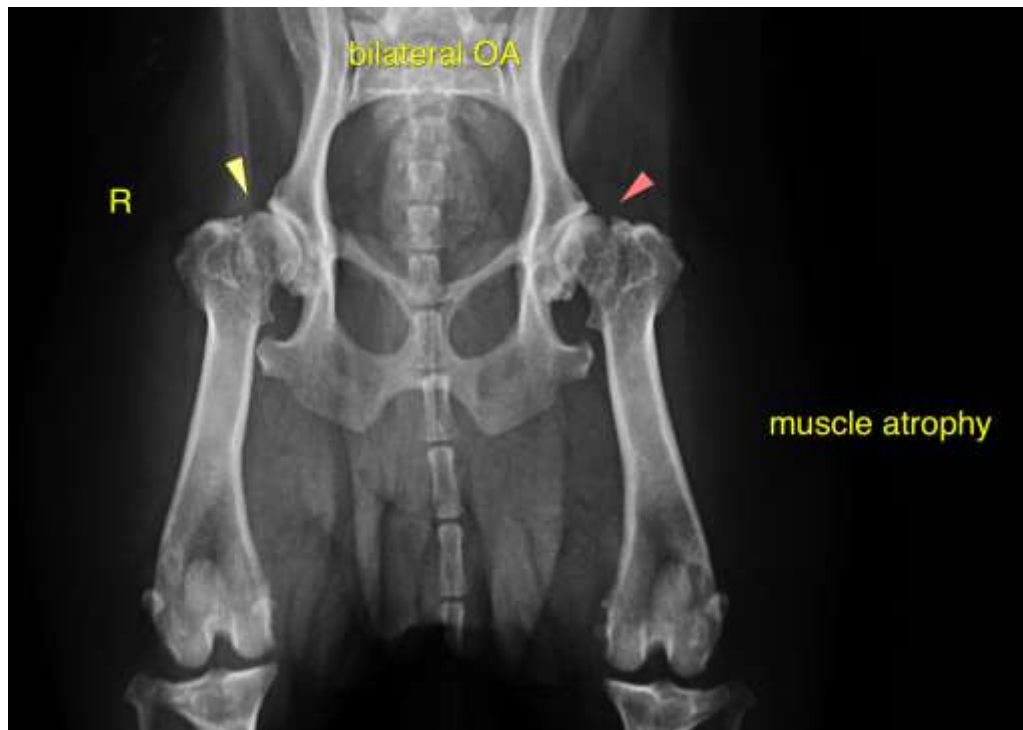
DR. BEKHIT

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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.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com