



PATIENT

Guiness Mercure

PRESENTING CLINICAL SIGNS

lethargic for 3 days
Abnormal PE/Chem/CBC/UA Results: elevated WBCs

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX&ABDOMEN

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

BREED

French Bulldog

RADIOGRAPHIC FINDINGS

Thorax

T7 to T9 present as hemivertebra.

The extrathoracic soft tissues present homogeneous without abnormalities.

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.

SEX

Spayed Female

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.

AGE

8 years

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

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.

HOSPITAL NAME

St Catherine's Animal
Hospital

Abdomen

Multifocal mild spondylosis formation is seen along the lumbar spine. Superimposed on the ventral aspect of the neuroforamina L3/L4 and L5/L6, mild irregular mineralized material is seen.

REFERRING VET

Dr. Boctor

The periarticular bones of both coxofemoral joints present moderate osteophyte new bone formation. The acetabular groove bilaterally is shallow, and the center of the femoral heads is lateral to the dorsal acetabular rim.

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

INVOICE

52929

The serosal detail is maintained throughout the peritoneal and retroperitoneal space. Small mineralizations are seen in the region of the ovaries at the caudolateral aspect of both kidneys.

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

DATE

7-18-22

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.

Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position and moderately dilated. In the lateral projections, a mild



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mineral opaque roundish well-defined body is superimposed on the urinary bladder, measuring 3 mm in diameter.

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

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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.

Canine

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

RADIOGRAPHIC DIAGNOSIS

BREED

- Cystolithiasis
- Dystrophic mineralization level with the ovaries
- Spondylosis deformans L3/L4 & L5/L6 with mineralized material superimposing on the ventral aspect of the respective neuroforamina
- Degenerative osteoarthritis coxofemoral joints bilaterally, due to hip dysplasia
- Hemivertebra thoracic spine

French Bulldog

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

The radiographic study of the thorax and abdomen presents without specific abnormalities, explaining the acute presenting clinical signs.

8 years

The small mineralizations at the caudolateral aspect of both kidneys are considered as dystrophic mineralization secondary to spaying as the location is atypical for ureteroliths.

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Recommend urinalysis for workup of the cystolithiasis

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The mineralized material superimposed on the ventral aspect of the neuroforamina L3/L4 and L5/L6 can present lateral spondylosis formation or mineralized disc material protruding into the vertebral canal.

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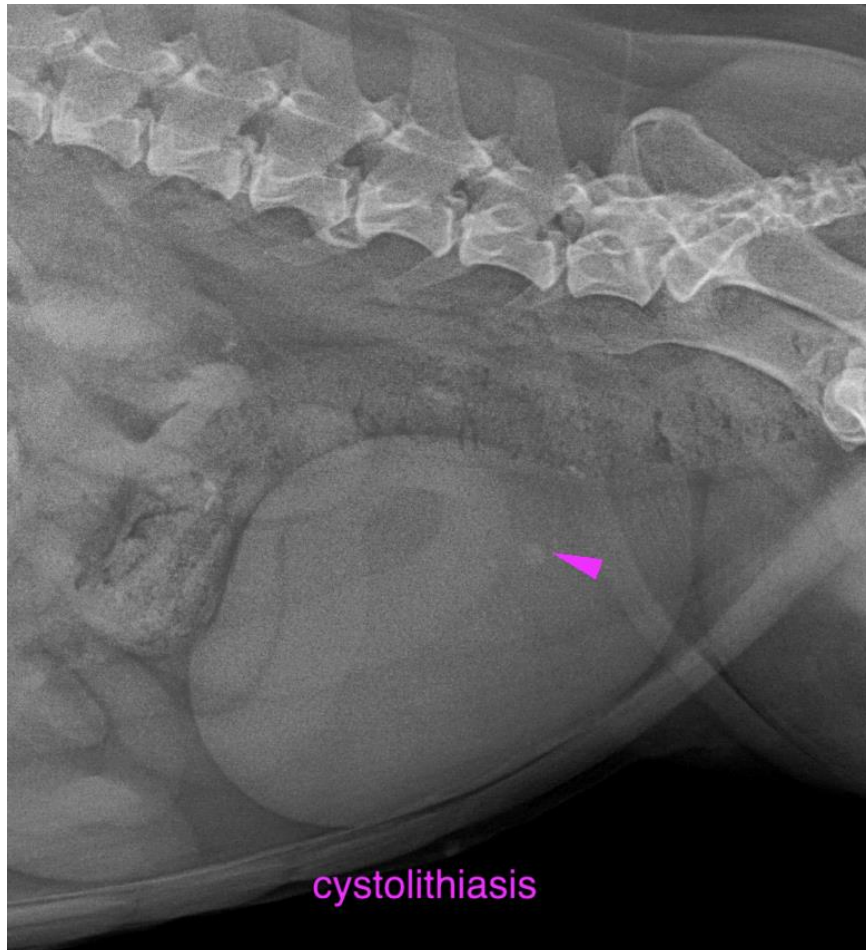
Dr. Boctor

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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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