



PATIENT

Macarena Pinero

PRESENTING CLINICAL SIGNS

Severe dental disease, needs dental and extractions. Chronic neurological deficits characterized by paresis and ataxia.
Abnormal PE/Chem/CBC/UA Results: CBC/Superchem pending

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

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

BREED

Yorkshire Terrier

RADIOGRAPHIC FINDINGS

Thorax

Advanced spondylosis formation is seen along the cervical spine.

The extrathoracic soft tissues present homogeneous without abnormalities.

SEX

FS

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.

AGE

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.

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.

In the lateral projection, the lung parenchyma presents a generalized moderate unstructured reticular lung pattern, not appreciated in the VD view where the lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

HOSPITAL NAME

Sunset Animal Hospital

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

Abdomen

REFERRING VET

Cristina Polit

The intervertebral disc space L2/L3 is collapsed, the respective vertebral endplates present mild spondylosis formation. Superimposed on the ventral aspect of the neuroforamina L1/L2 to L3/L4, heterogeneous mineralized convex shaped material is appreciated. Both coxofemoral joints presents mild to moderate osteophyte new bone formation.

INVOICE

53511

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

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

DATE

8-16-22

The hepatic volume is moderately increased the liver is protruding beyond the costal arch; the gastric axis is deviated caudally. There a soft tissue opaque mass protruding from the caudal surface of the left division of the liver, presenting convex shape caudal border, displacing the gastric fundus.

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



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imaging plane of the renal pelvis bilaterally a moderate amount of mineral opaque material is seen. The splenic body and tail are considered normal for position, size, shape and opacity.

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Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position. At least 19 mineral opaque roundish calculi, measuring up to 1 mm in diameter are appreciated.

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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.

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

RADIOGRAPHIC DIAGNOSIS

SEX

FS

- Possible protrusion of mineralized disc material level L1/L2 to L3/L4
- Chronic discopathy L2/L3
- Hepatomegaly and left divisional hepatic mass
- Cystolithiasis
- Nephrolithiasis
- Chronic degenerative osteoarthritis coxofemoral joints bilaterally
- No evidence of pulmonary metastatic disease
- Spondylosis deformans

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy, hepatitis or neoplastic infiltration. The suspected hepatic mass can represent regeneration nodule/nodular hyperplasia or hepatic neoplastic disease (e.g. hepatocellular adenoma/carcinoma).

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The mineralized material superimposed on the ventral aspect of the neuroforamina along the cranial lumbar spine can present protrusion of mineralized disc material or lateral spondylosis formation versus superimposed dystrophic mineralization. Cross-sectional imaging can be considered to confirm the diagnosis.

REFERRING VET

Cristina Polit

The unstructured interstitial lung pattern in the lateral view is considered as a sequela to hyperinflation of the lung parenchyma, as no abnormalities of the opacity of the lung parenchyma are appreciated in the VD view.

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Consider a complete urinalysis for further workup of the cystolithiasis – the risk for mechanical obstruction in the female dog is low, due to the small size of the calculi.

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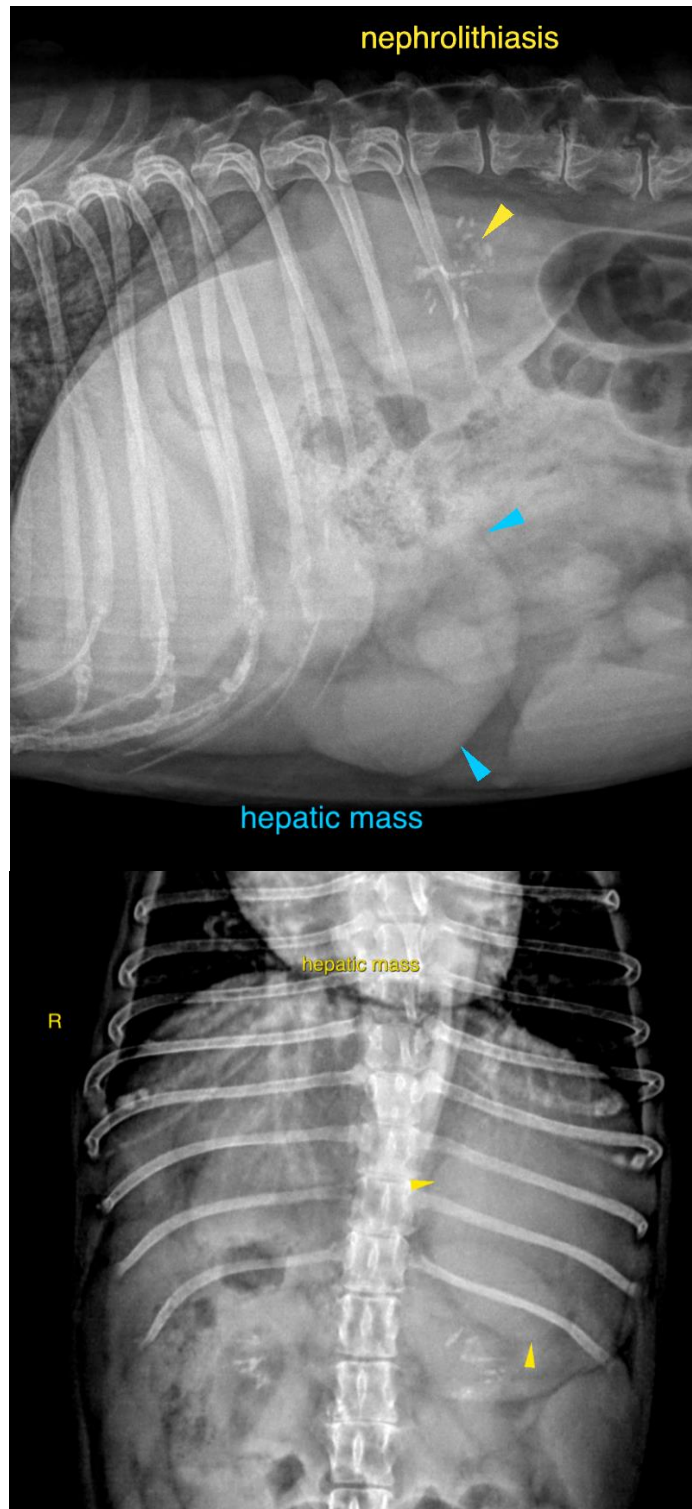
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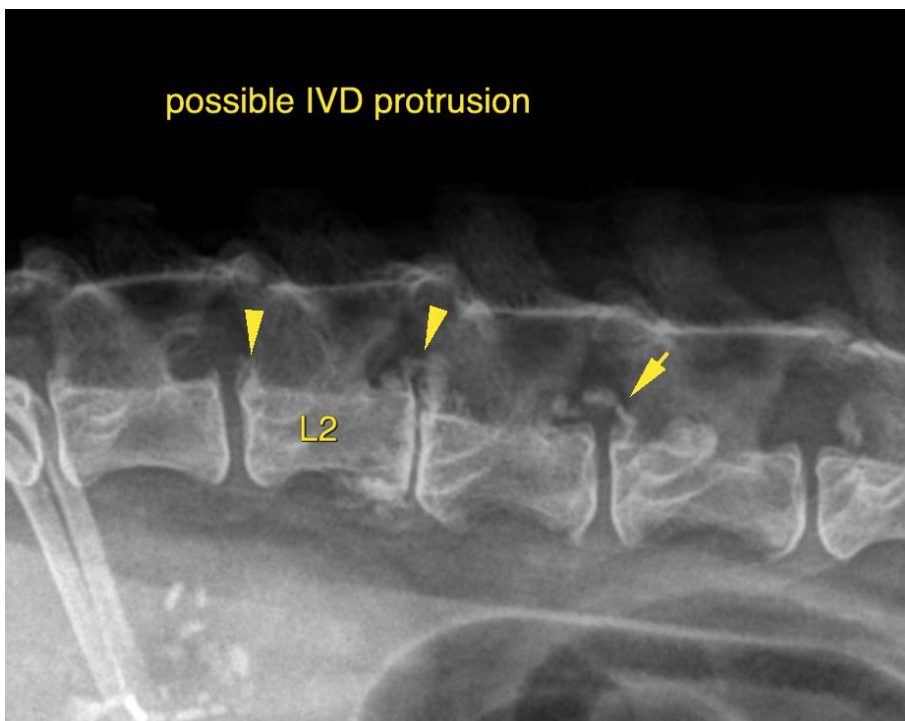
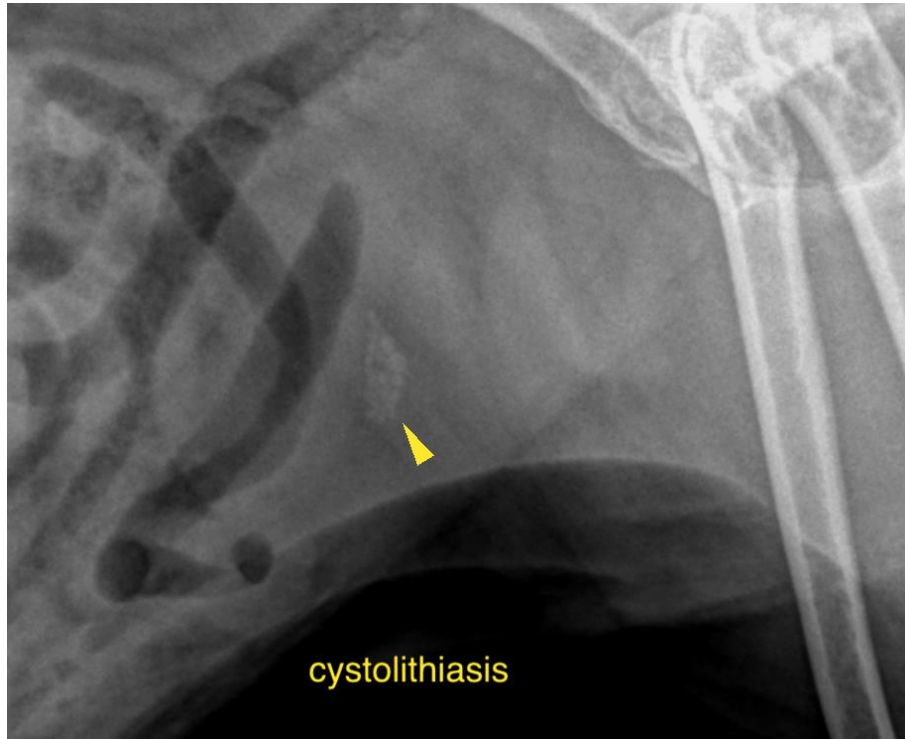
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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