



PATIENT PRESENTING CLINICAL SIGNS

Jane Guerrero Patient presented for evaluation of weight loss despite good appetite. Radiographs revealed normal thorax and bilateral nephrolithiasis. Abdominal ultrasound confirmed bilateral nephrolithiasis but remainder was unremarkable. CBC/Chemistry revealed mildly elevated ALP. Patient also has a history of urocystoliths and UA from 2/2022 revealed E.coli infection.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies of the abdomen available for review.

BREED

Shih Tzu

COMPUTED TOMOGRAPHIC FINDINGS

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

SEX

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A moderate amount of mineral attenuating material is filling the renal collective system including the renal diverticuli and renal pelvis bilaterally. The renal pelvis is mildly splayed due to the presence of the mineral attenuating material. The vasculo- and nephro-gram present within normal limits for both kidneys. However, a regular pyelogram cannot be observed despite the diminishing nephrogram throughout the early and delayed post-contrast studies.

AGE

12 Years

A mild amount of mineral attenuating material is seen within the urinary bladder. Moderate generalized thickening of the urinary bladder wall is seen.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

HOSPITAL NAME

Mobile Pet Imaging

There appears to be mild generalized thickening of the gastric wall.

Severe bilateral hip dysplasia with moderate secondary coxofemoral joint osteoarthritis is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Seraydar

- Bilateral nephrocalcinosis with significantly delayed pyelogram.
- Chronic cystitis with urinary bladder microlithiasis.
- Suspect gastritis.
- Bilateral canine hip dysplasia with moderate secondary coxofemoral joint osteoarthritis.

INVOICE

58888

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals bilateral nephrocalcinosis with signs of delayed renal excretion. General anesthesia may contribute to the delayed excretion, however, the possibility of renal insufficiency secondary to chronic obstructive pathology, inflammatory or infectious nephritis, including ascending pyelonephritis, should be considered as potential underlying cause. Consider the possibility of

DATE

6-19-23



PATIENT metabolic disease with systemic hypercalcemia including excess parathormone (primary and secondary hyperparathyroidism) as well as other systemic disease.

Jane Guerrero

There was no evidence of abdominal lymphadenomegaly.

SPECIES Chronic inflammation/infection of the urinary bladder should be considered a potential in this patient and further definition by means of full urinalysis and correlation with the available laboratory values is recommended as not performed already.

Canine

BREED

Shih Tzu

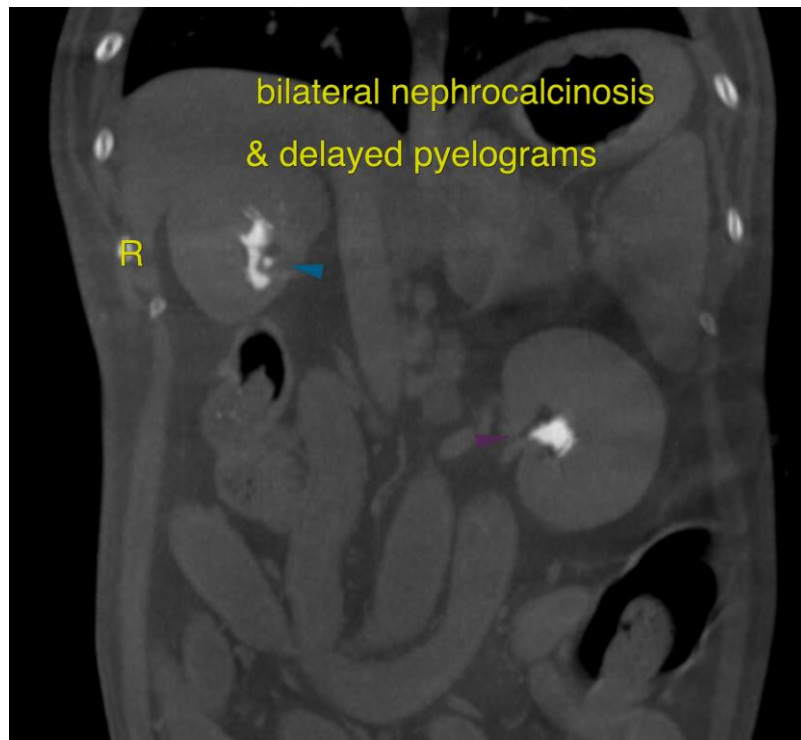
bilateral nephrocalcinosis
& delayed pyelograms

SEX

FS

AGE

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HOSPITAL NAME

Mobile Pet Imaging

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.

REFERRING VET

Seraydar

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.

INVOICE

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

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