



PATIENT

Paris Serfas

PRESENTING CLINICAL SIGNS

History of hematuria and multiple UTI's. The only clinical presentation of the presumed UTI is blood in the urine. Left kidney appeared abnormal on abdominal ultrasound. Abnormal PE/Chem/CBC/UA Results: normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

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

BREED

Chihuahua

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

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

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Small mineral attenuating foci are seen within the renal diverticuli of both kidneys. Position, size, shape, nephrogram, and pyelogram of both kidneys present within normal limits. The ureters present within normal limits. The urinary bladder is moderately distended. Mild generalized wall thickening is noted. There is no evidence of a mass. Mild urethral leakage of contrast media is seen.

AGE

14

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

The gallbladder is severely distended, and a large amount of mineral attenuating material is seen within the gallbladder in an independent and nondependent position.

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

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

REFERRING VET

Dr. Runde

The sublumbar lymph nodes present within normal limits.

Thorax

INVOICE

The bony and surrounding soft tissue structures are within normal limits.

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The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

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The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery



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as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

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Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

BREED

Chihuahua

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspect chronic cystitis.
- Bilateral hypercalcemic nephropathy – mild changes.
- Biliary microlithiasis versus emerging gallbladder mucocele.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

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No structural abnormality of the urinary tract other than the mild urinary bladder wall thickening was noted. Correlate with the ultrasonographic findings.

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Hypercalcemic nephropathy appears to be a potential. The general architecture, nephro-, and pyelo-gram of both kidneys however presented within normal limits. Idiopathic renal hemorrhage and other nonstructural pathology, however, cannot be ruled out.

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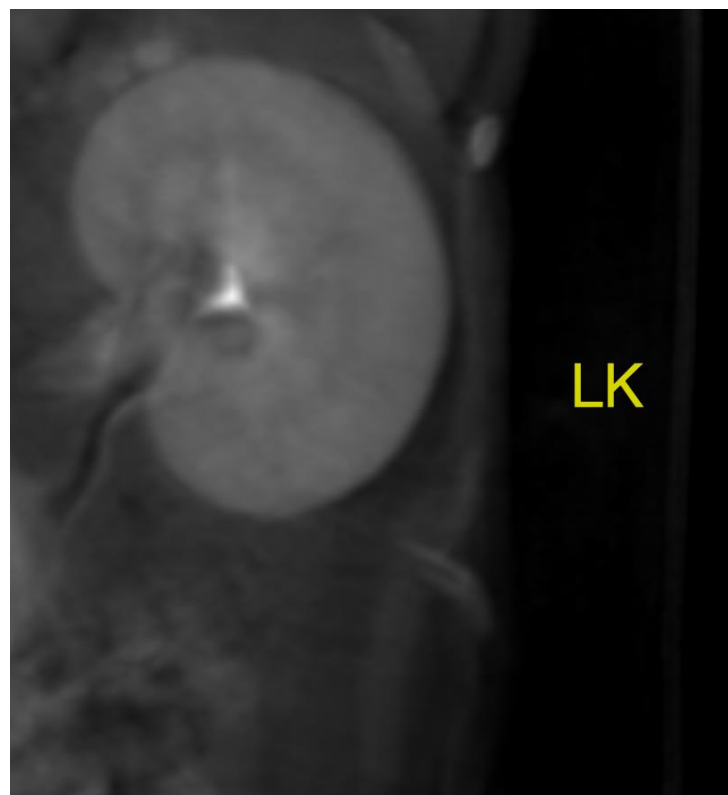
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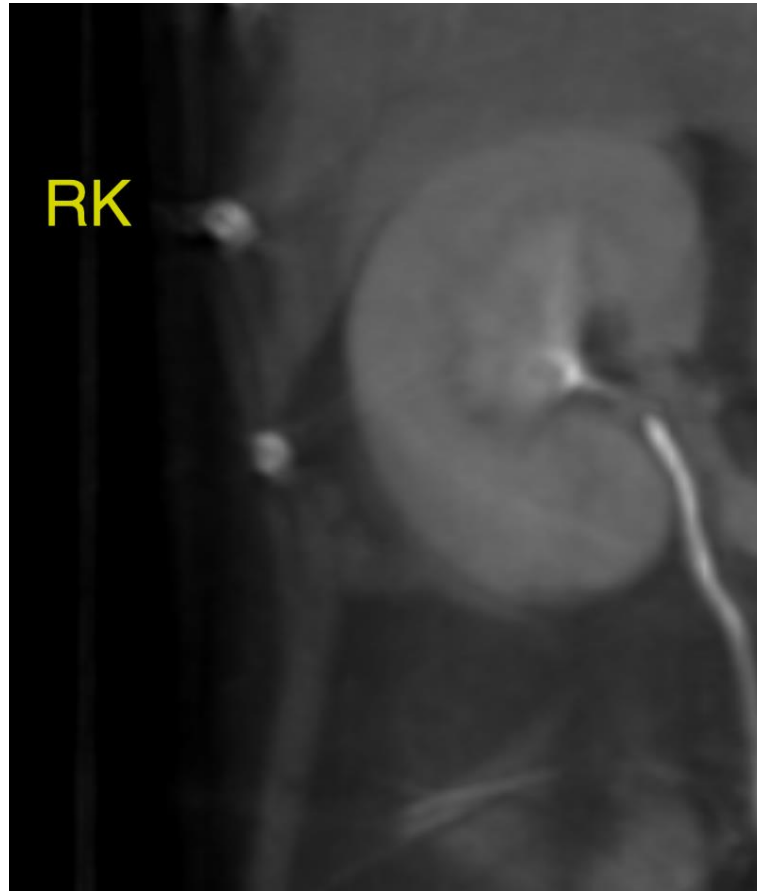
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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