

PATIENT PRESENTING CLINICAL SIGNS

Timba Jones

History: Presented yesterday due to lethargy and vomiting.

SPECIES

Abnormal PE/Chem/CBC/UA Results: ALP=12 (20-150) U/L, amylase=1378 (200-1200) U/L, BUN=148 (7-25) mg/dL, Ca=12.3 (8.6-11.8) mg/dL, P=15.3 (2.9-6.6) mg/dL, Cr=6.0 (0.3-1.4) mg/dL, usg=1.014

Canine

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Chihuahua Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Neutered male

AGE

13 years

The right **kidney** was severely dystrophic and measured 2.8 cm in width. The right kidney revealed thickened irregular cortices with infarcts. The left kidney revealed similar changes to the right with pyelectasia and mineralization. The left kidney measured 2.5 cm with multi-focal cortical cysts.

WEIGHT

10.2 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.5 cm. The left adrenal gland measured 0.5 cm.

IMAGING PERFORMED BY

Dr. Green

Spleen

HOSPITAL NAME

Healing Spirit

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

REFERRING VET

Dr. Green

Liver

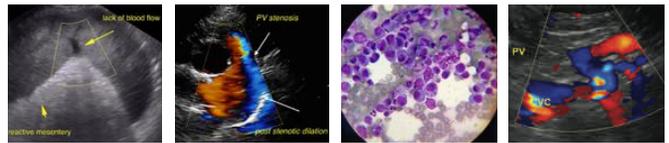
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The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele. However, the sludge appears to be mildly excessive. No adjunctive inflammation was noted.

DATE

8/7/21



PATIENT

Gastrointestinal

Timba Jones

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

BREED

Chihuahua Mix

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Subjectively end stage degenerative renal disease with fibrosis, calculi, cysts, pyelectasia and mineralization.

AGE

13 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

10.2 lbs

The prognosis is poor. If the patient is not responding to 72 hour IV fluid protocol then humane euthanasia is likely the best option as the kidneys appear in end stage condition.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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HOSPITAL NAME

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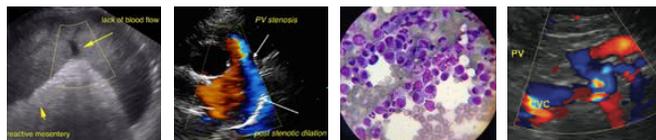
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PATIENT

Timba Jones

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.

SPECIES

Canine

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.

BREED

Chihuahua Mix

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Neutered male

AGE

13 years

WEIGHT

10.2 lbs

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