



PATIENT

Ace Desiderio

PRESENTING CLINICAL SIGNS

History: Having V/D episodes at home every 6-8 weeks.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A trace amount of debris was noted. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

BREED

Shih Tzu

The **prostate** was uniformly enlarged with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. Slight, hypoechoic edema lines are noted. Some level of prostatitis is likely. A slight hypoechoic cyst or nodule was noted on the right prostatic lobe. The prostate measured 3.0 cm.

SEX

Male

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen.

AGE

1 year

Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 3.95 cm with slight pinpoint mineralization. The right kidney measured 4.18 cm.

WEIGHT

12.8 lbs

Adrenal Glands

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 left adrenal gland measured 1.47 x 0.39 cm at the cranial pole and 0.36 cm at the caudal pole. The right adrenal gland measured 1.4 x 0.75 cm at the cranial pole and 0.58 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

Spleen

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.

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

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Gastrointestinal

Ace Desiderio

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

Shih Tzu

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

Male

ULTRASONOGRAPHIC FINDINGS

Prostatitis and nodular minor abscess pattern.

AGE

1 year

Otherwise, unremarkable abdomen.

WEIGHT

12.8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prostatic palpation is recommended to assess for discomfort. If there is any evidence of UTI or prostatic issues are present then neutering would be indicated. Treatment for prostatitis is recommended +/- the following protocol if neutering is not an option. There was no other evidence of other disease.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Finasteride at 1 mg/kg/day can be utilized as an off-label approach to reducing prostatic size in BPH cases. Coverage for prostatitis would also likely be appropriate with Fluoroquinolone/Baytril or similar. A recheck sonogram is recommended in 3-4 weeks with reassessment of the urinalysis and evaluation of any inflammatory sediment.

IMAGING PERFORMED BY

Shari Reffi, CVT

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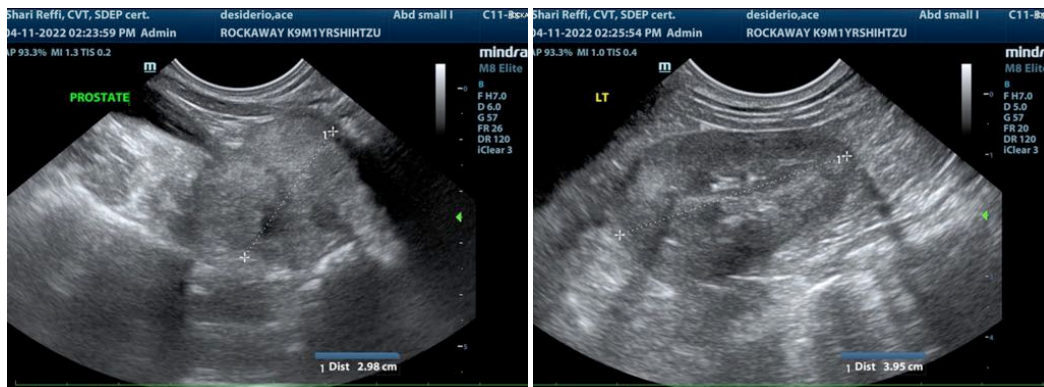
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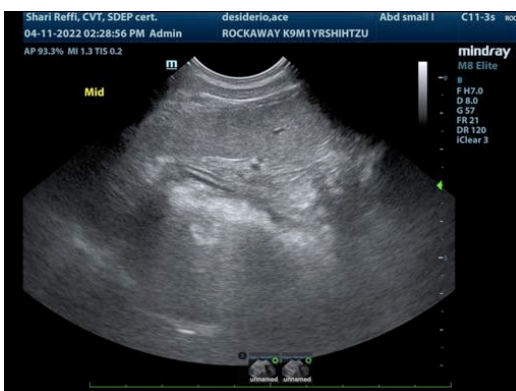
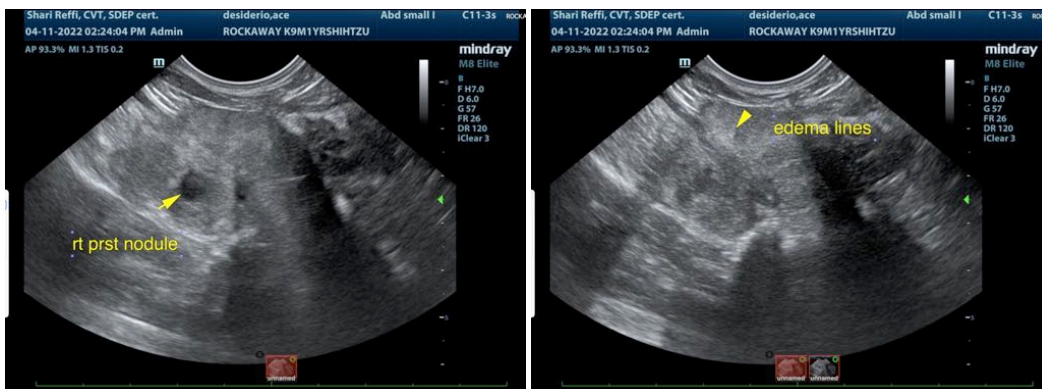
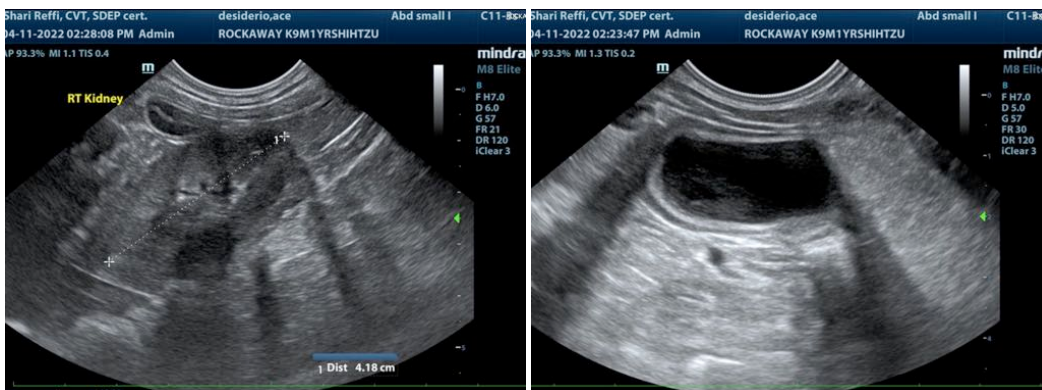
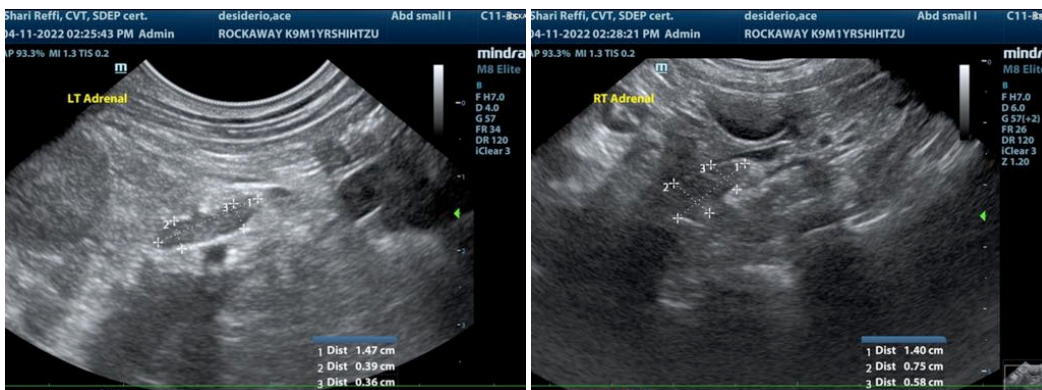
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Shih Tzu

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

SEX

Male

AGE

1 year

WEIGHT

12.8 lbs

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