



PATIENT PRESENTING CLINICAL SIGNS

Spock Smith Was having urinary accidents in the house - seems to have resolved; appetite has increased
 Abnormal PE/Chem/CBC/UA Results: Chem - NSF except increased ALT 173 HIGH 18-121 IU/L ALP 737 HIGH 5-160 IU/L T4 - WNL CBC - NSF

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Boston Terrier

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. 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 were noted. Ureteral papillae were normal.

SEX

Neutered Male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Slight pinpoint mineralizations noted in both kidneys. The right kidney measured 5.07 cm. The left kidney measured 5.03 cm.

AGE

8.5 Years

WEIGHT

12.4 kg

Adrenal Glands

INTERPRETED BY

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 0.95 cm at the cranial pole and 0.59 cm at the caudal pole. The left adrenal gland measured 0.78 cm at the caudal pole and 0.53 cm at the cranial pole.

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Dr. Trudeau

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 were noted.

HOSPITAL NAME

Petworks VH

Liver

REFERRING VET

Dr. Trudeau

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. Minor micronodular changes noted in the left cranial liver, coalescing to create a nodule measuring 2.5 cm. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. Trace amount of gallbladder sand noted.

INVOICE

44207

Gastrointestinal

DATE

7/20/23

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and



PATIENT

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.

Spock Smith

Pancreas

SPECIES

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.

Canine

BREED

ULTRASONOGRAPHIC FINDINGS

Boston Terrier

- Pinpoint renal mineralizations, non-obstructive
- Coalescing nodular change in the left cranial liver – likely benign.
- Minor gallbladder sand, not pathological

SEX

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neutered Male

AGE

Given the liver enzyme elevations, FNA indicated. Ursodiol therapy warranted to attempt to dissolve the gallbladder sand. No evidence of significant urinary disease. However, occult UTI or periodic passage of small calculi may be an issue, yet no obstructive disease noted at this time.

8.5 Years

WEIGHT

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INTERPRETED BY

Eric Lindquist, DMV

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IMAGING PERFORMED BY

Dr. Trudeau

HOSPITAL NAME

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REFERRING VET

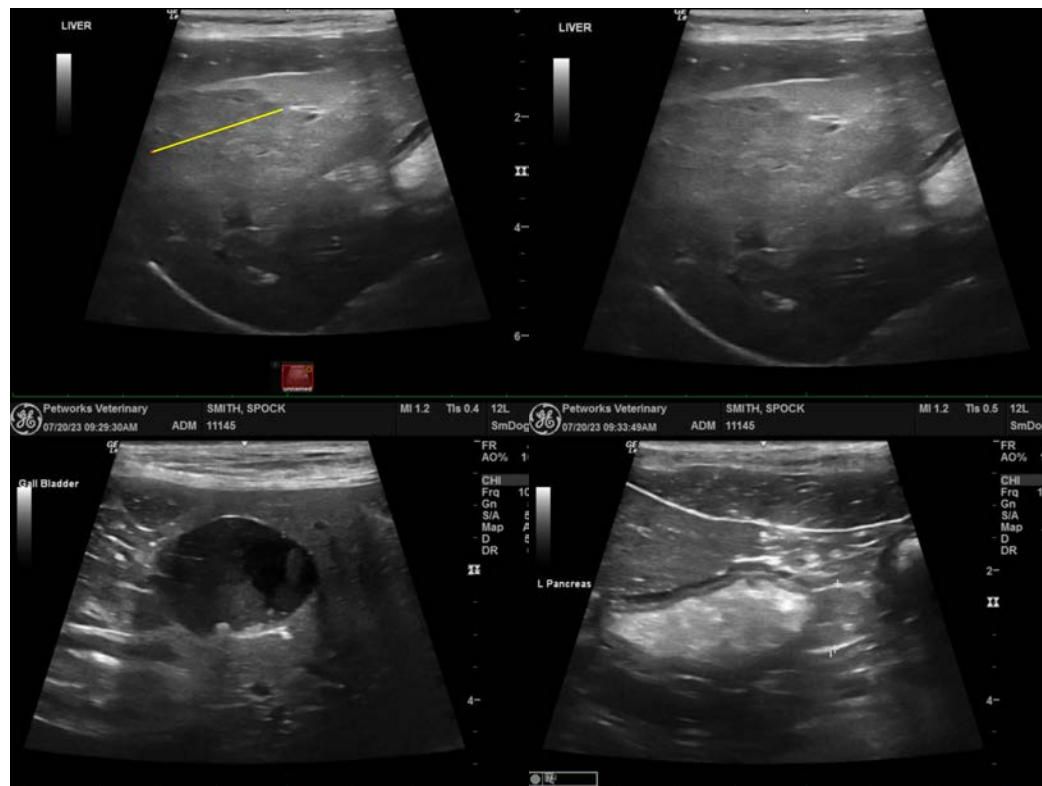
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Spock Smith

SPECIES

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Boston Terrier

SEX

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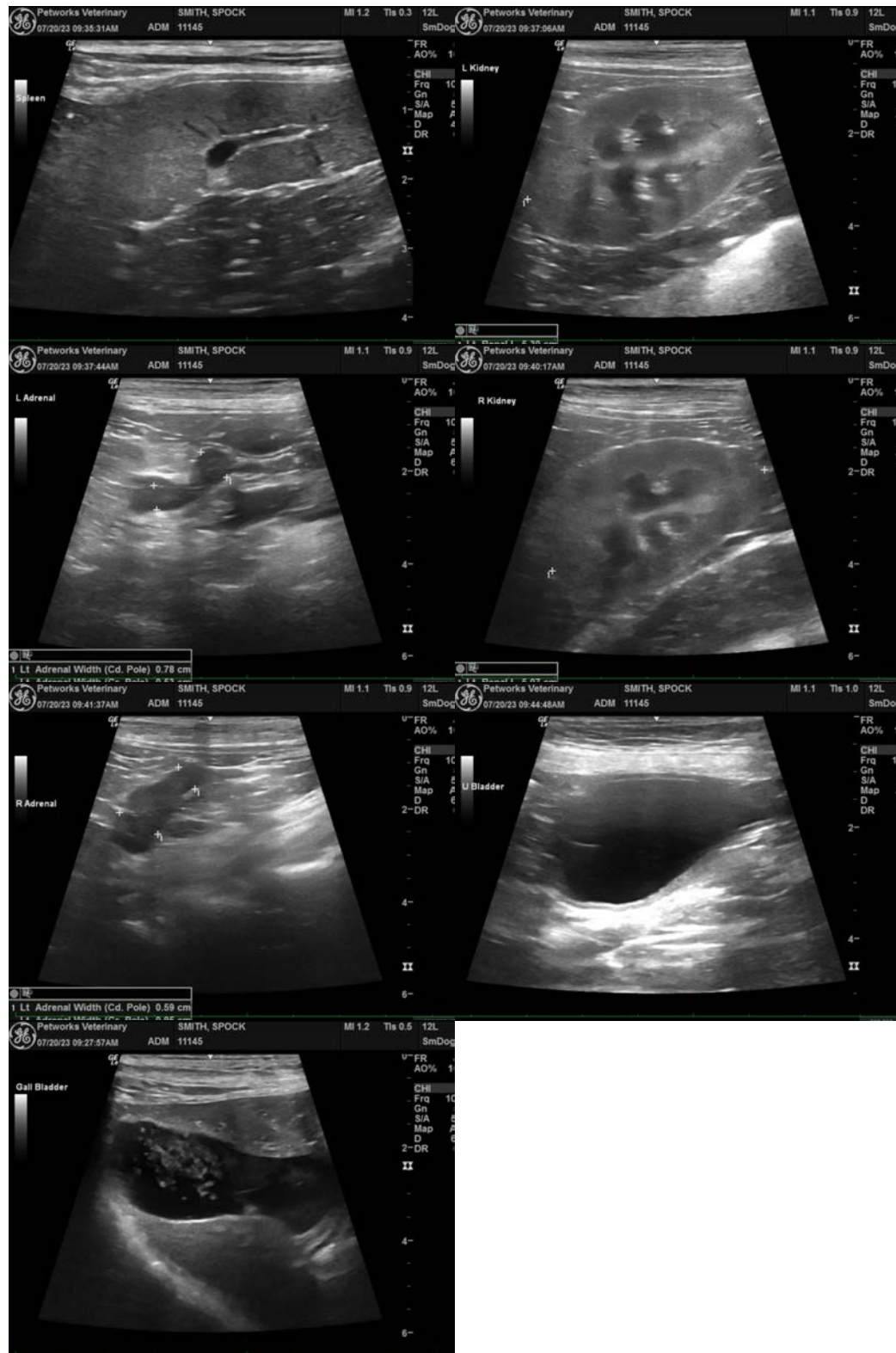
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PATIENT

Spock Smith

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

Boston Terrier

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Neutered Male

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