



PATIENT

Mittens Brookes

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

14 Years

WEIGHT

6.1 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Summit Dog & Cat
Hospital

REFERRING VET

Dr. Levitian

INVOICE

25453

DATE

9/16/21

PRESENTING CLINICAL SIGNS

Increased appetite, losing weight, vomiting. Current meds: Methimazole 5mg 10mg day 1; 2.5mg day 2-repeat

Abnormal PE/Chem/CBC/UA Results: ALT 217, wbc 2.3, lymphs 14%, abs lymphs 322 (L 1200), abs neuts 1863 (L 2500)

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. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 3.34 cm. The right kidney measured 3.54 cm.

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 0.21 cm. The right adrenal gland measured 0.6 cm.

Spleen

The **spleen** revealed multifocal coalescing, hypoechoic nodular changes and an overt 1.83 cm x 1.26 cm mass. The remainder of the spleen measured up to 2.0 cm in width.

Liver

The **liver** was mildly swollen and mildly irregular with hypoechoic nodular changes noted. The largest nodule in the right liver measured 0.69 cm. Hepatic lymphadenopathy noted. The gallbladder was unremarkable.

Gastrointestinal

The **stomach** itself was unremarkable. An intestinal mass was noted, undifferentiated, measuring approximately 3.0 cm. Variable small intestinal thickening noted elsewhere. Reactive mesentery also noted.

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.

ULTRASONOGRAPHIC FINDINGS



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- Splenic and intestinal masses with metastatic pattern to the liver
- Chronic interstitial nephrosis renal pattern

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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FNA spleen and liver recommended. Round cell neoplasia suspected. A minor amount of ascites noted, likely paraneoplastic.

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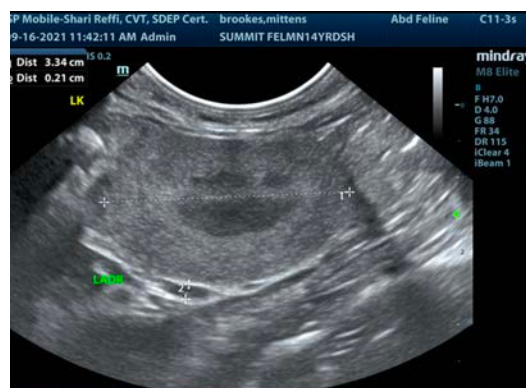
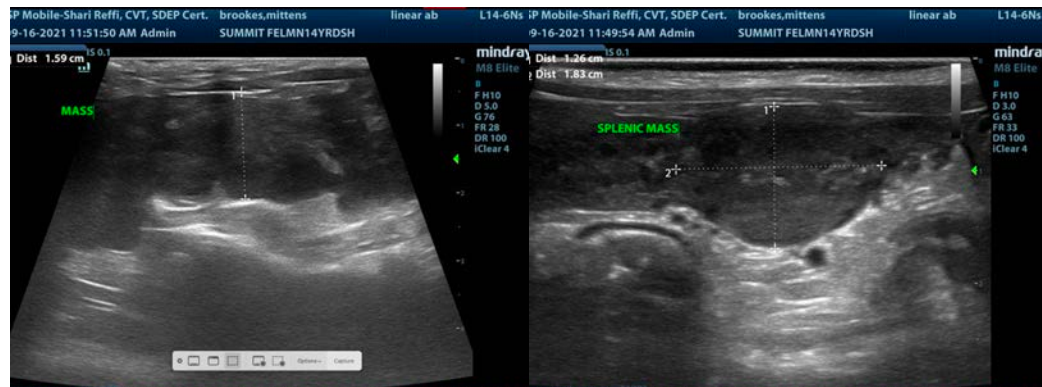
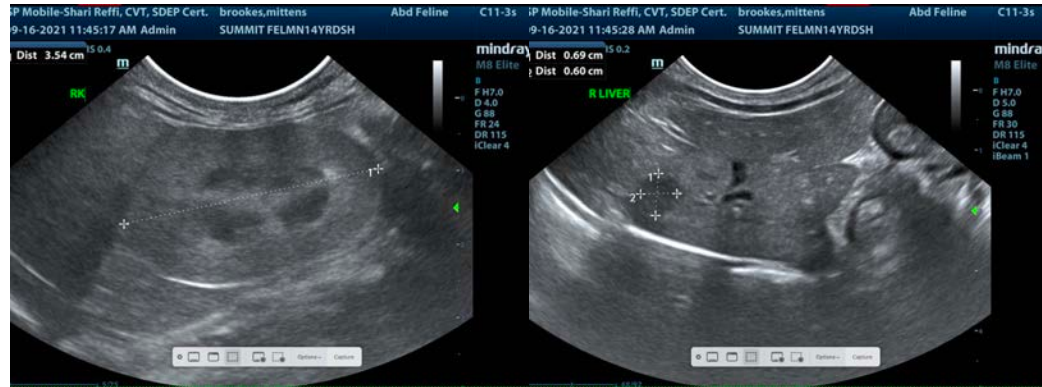
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



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can be of any further assistance please contact me.

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