

PATIENT

Studley Mclver

SPECIES

Canine

BREED

Terrier Mix

SEX

Neutered Male

AGE

11 Years

WEIGHT

62 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

VCA Hanson AH

REFERRING VET

Valerie Whalen, DVM

INVOICE

16684

DATE

PRESENTING CLINICAL SIGNS

History: History MCT. Abdominal mass palpated when under sedation for dental prophylaxis. Flash US showed a splenic mass. Clinically doing well, normal appetite and activity level. ALP 279; Sodium 110; Glob 3.9; Chloride 96; Choles 387. On Clindamycin, Codeine Sulfate *Sedated with dexdomitor/butorphanol. FNA of splenic mass taken at time of ultrasound

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 prostate was uniform, measuring 1.05 cm.

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. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.42 cm. The left kidney measured 6.56 cm.

Adrenal Glands

The **right adrenal gland** was 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 0.71 cm at the caudal pole and 0.75 cm at the cranial pole.

The **left adrenal gland** was slightly swollen at the caudal pole. The left adrenal gland measured 0.81 cm at the cranial pole and 0.51 cm at the caudal pole.

Spleen

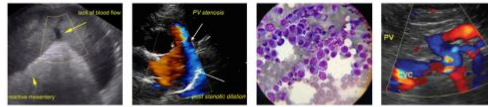
The **spleen** revealed an expansive mixed echogenic parenchymal mass, measuring 6.9 cm. The remainder of the spleen was unremarkable and uniform.

Liver

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 tracts were of normal volume and no evidence of congestion was noted. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

The **gallbladder** was mildly over distended with minor suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.

Gastrointestinal



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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

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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.

BREED

Terrier Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Parenchymal splenic mass, likely unrelated to the mast cell history. The splenic mass was moderately vascular
- Age-related hepatic changes with gallbladder sludge
- Slightly swollen left adrenal gland

AGE

11 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

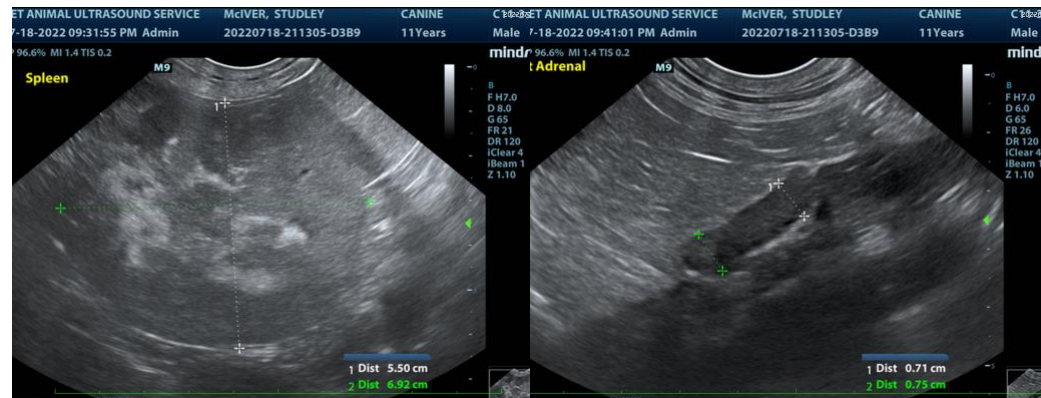
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Hemangiosarcoma is possible, however, stromal tumor or histopathologically benign mass is possible. No evidence of rupture. Three view chest radiographs and echocardiogram to assess for metastatic disease, followed by splenectomy and liver inspection and biopsy warranted.

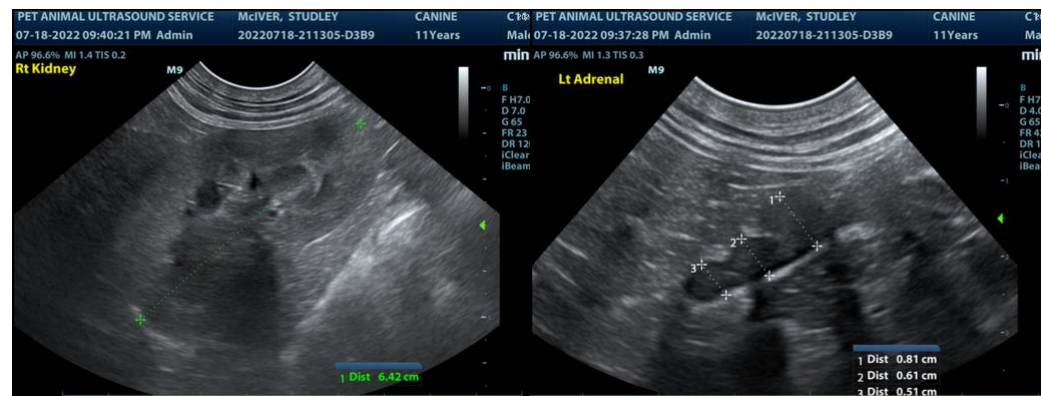
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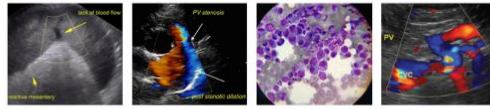
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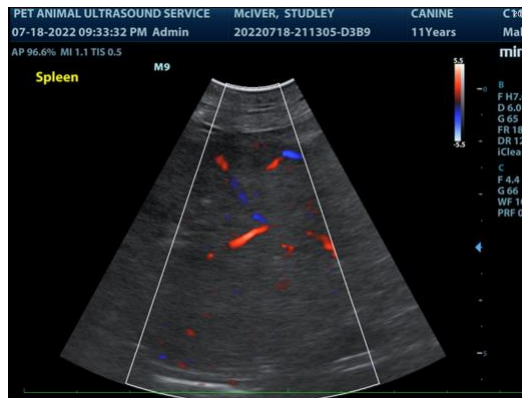
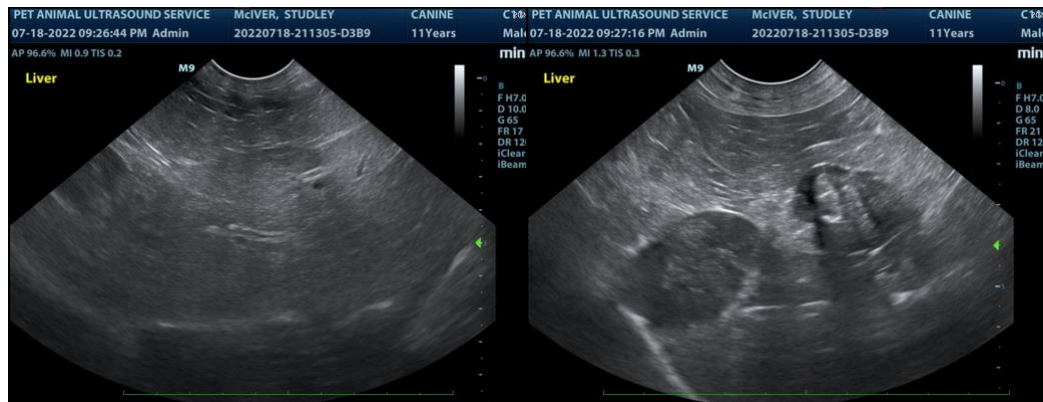
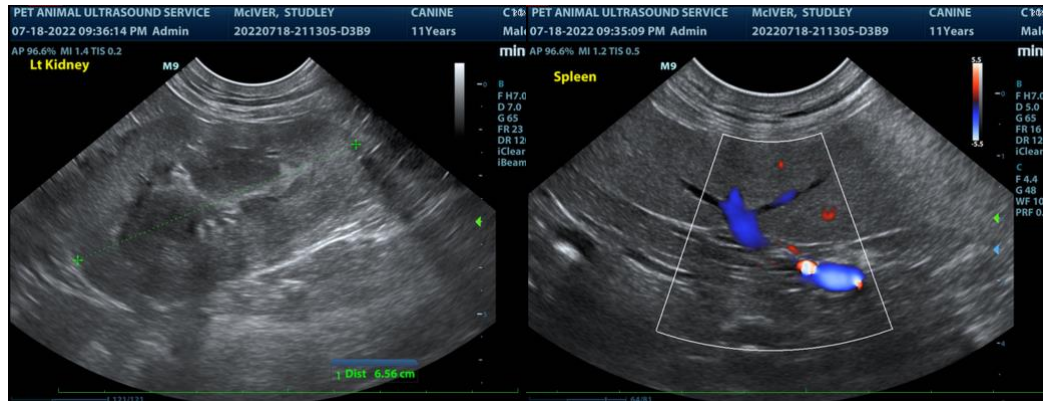
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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