

**PATIENT**

Lookout Stanley

SPECIES

Canine

BREEDCatahoula Leopard
Dog**SEX**

Neutered Male

AGE

6 Years

WEIGHT

31 kg

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**IMAGING
PERFORMED BY**

Tom McNeill

HOSPITAL NAME

SVS Imaging CT

REFERRING VETDr. Lovejoy- Madison
VS**INVOICE**

16653

DATE

8/2/22

PRESENTING CLINICAL SIGNS

History: Lookout has not been interested in food for the past 2 weeks. Owner got him to eat 2 pieces of pepperoni yesterday, but that is all he ate (he has been refusing dry food, wet food). He has been lethargic, losing weight, and shivering for the past 2 weeks. He has been drinking a lot of water, and then bringing it back up. Owner has noticed that his gums and ears are yellow/orange. In general, it's not uncommon for him to go 3 days without eating, as he is a grazer.

Abnormal PE/Chem/CBC/UA Results: Icteric sclera, mucous membranes, and skin

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** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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. The right kidney measured 6.62 cm. The left kidney measured 7.2 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 0.48 cm at the cranial pole and 0.57 cm at the caudal pole.

Spleen

The **spleen** revealed minor heterogeneous parenchymal changes yet normal contour.

Liver

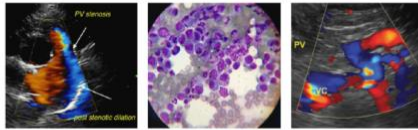
The **liver** revealed increased portal markings throughout the liver, consistent with remodeling and history of cholangitis. The gallbladder was double layered and edematous, measuring 0.42 cm.

Gastrointestinal

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No concerning lymphadenopathy was visible. No evidence of obstruction was present. Chronic inflammatory bowel disease is likely with a low possibility of an early neoplastic event such as lymphoma. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility. This is a minor change.

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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.

Free Abdomen

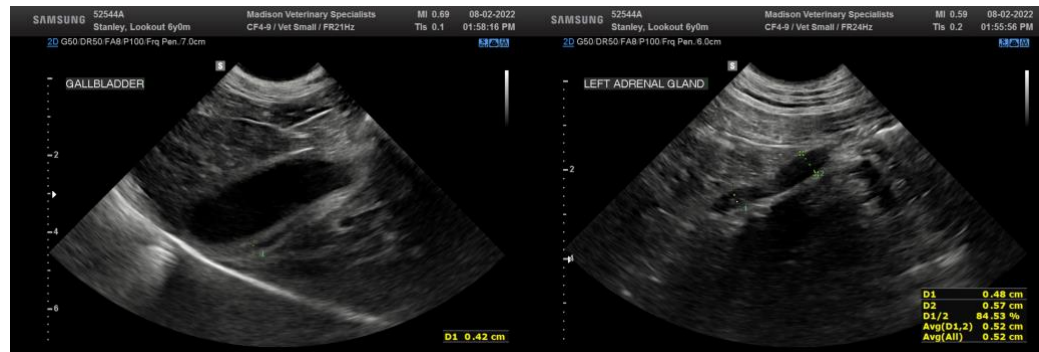
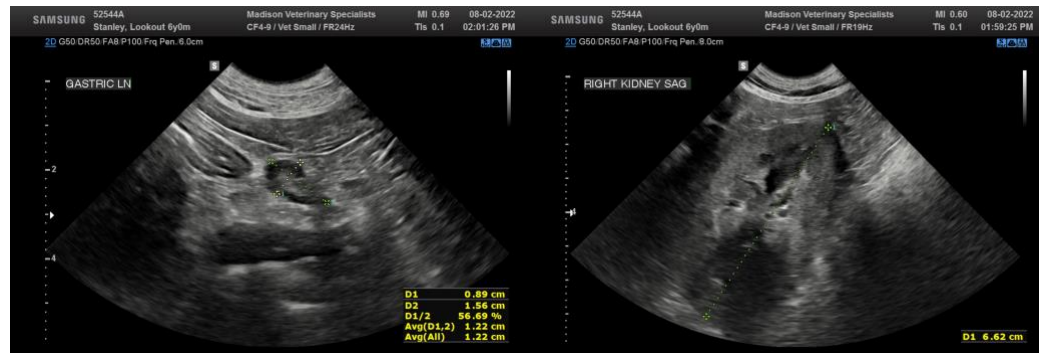
Cranial Abdominal **lymph nodes** were mildly enlarged, measuring 1.6 cm x 0.89 cm. Iliac lymph nodes were mildly enlarged, A larger lymph node measured 1.5 cm x 0.8 cm. A mesenteric lymph node measured 4.16 cm x 0.54 cm.

ULTRASONOGRAPHIC FINDINGS

- Minor reactive multifocal lymphadenopathy
- Heterogeneous spleen, likely hyperplasia
- Minor intestinal thickening
- Nonspecific cholangiohepatitis liver pattern
- Age-related renal changes

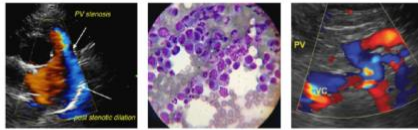
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Leptospirosis should be considered in this patient. No obvious evidence of neoplasia. Liver biopsy is recommended for further definition. Mushroom toxicity or other hepatic toxin exposure should be considered.



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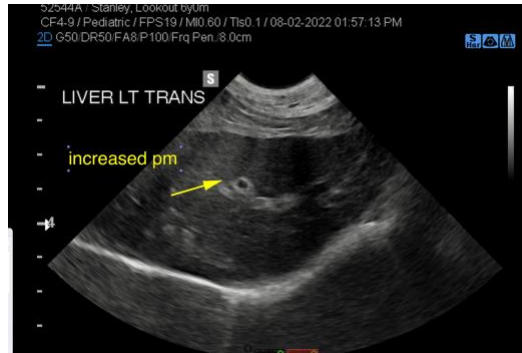
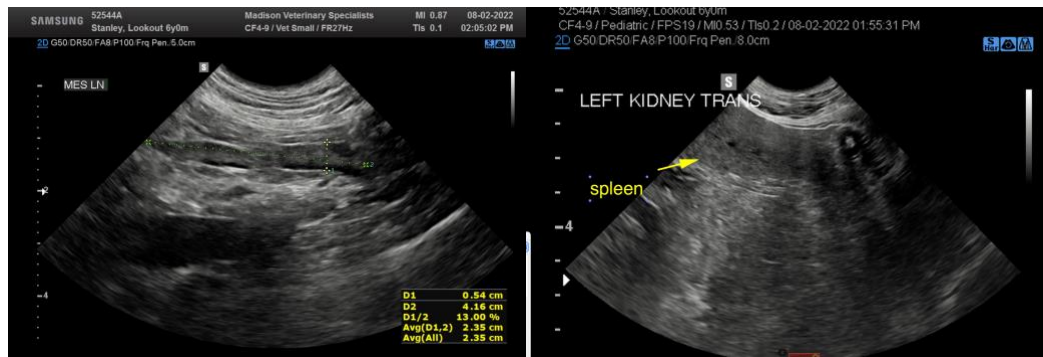
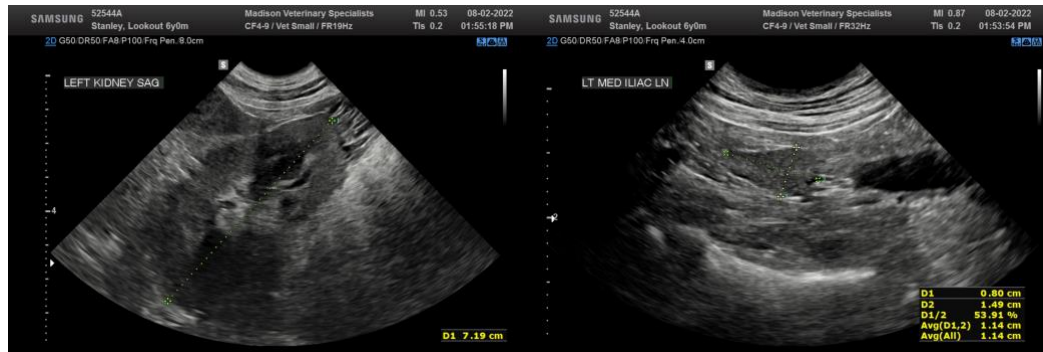
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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