



PATIENT

Pumpkin Larkin

SPECIES

Canine

BREED

Pitbull Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

53.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. Terry Stanglein

INVOICE

16803

DATE

8/10/22

PRESENTING CLINICAL SIGNS

History: lethargic on/off since April 22, fever, decreased appetite, weight loss, difficulty walking in hind end, neck/shoulder pain on exam. BW in May suggested possible IMHA with 105.2 temp, BW in July normal other than elevated WBC and temp 104.4.... currently on Baytril, Gabapentin and vetprofen

Abnormal PE/Chem/CBC/UA Results: 4/25 BW fairly normal 4DX negative x4, 5/12 HCT 33.9(L), HGB 11.5 (L), Retics 230.8 (H), MONO 0.12 (L)... 5/25 HCT 35.9 (L), HGB 12.1 (L), Retic 92.2 (N). WBC 30.3 (H), Neut 27.9 (H- secondary to steroids)...7/20 CBC/chem all normal except WBC still mildly elevated 20.46 (H)... ..RADs: 4/25 small intestinal thickening, 8/1 slightly thickened spleen., slightly enlarged kidney

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 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. The capsules were acceptably uniform without significant irregularities. The right kidney measured 7.24 cm. The left kidney measured 6.52 cm. Trace pyelectasia was noted in the left kidney.

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 cm x 0.62 cm. The right adrenal gland measured 1.5 cm x 0.45 cm.

Spleen

The **spleen** revealed heterogeneous parenchymal changes with a hypoechoic 5.0 mm nodule in the mid body.

Liver

A target type lesion was noted in the mid left **liver**, measuring 2.5 cm x 2.0 cm. An overt right cranial liver mass was noted. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The **stomach** itself was unremarkable. The distal small intestine was thickened and irregular with regional lymph node enlargement and reactive mesentery, strongly suggests for infiltrative disease. Variable other areas of small intestinal thickening were noted.

Pancreas

*See Free Abdomen

Free Abdomen



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Significant inflammation was noted throughout the mid **abdomen**. The inflammation obscured the pancreas. The largest lymph node measured approximately 4.0 cm x 2.0 cm. Slight areas of free fluid was noted. Regional peritonitis noted. The free fluid is likely owing to inflammation and lymphatic obstruction.

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ULTRASONOGRAPHIC FINDINGS

- Multicentric round cell neoplastic pattern, likely spleen, lymph nodes, intestine and liver involved

BREED

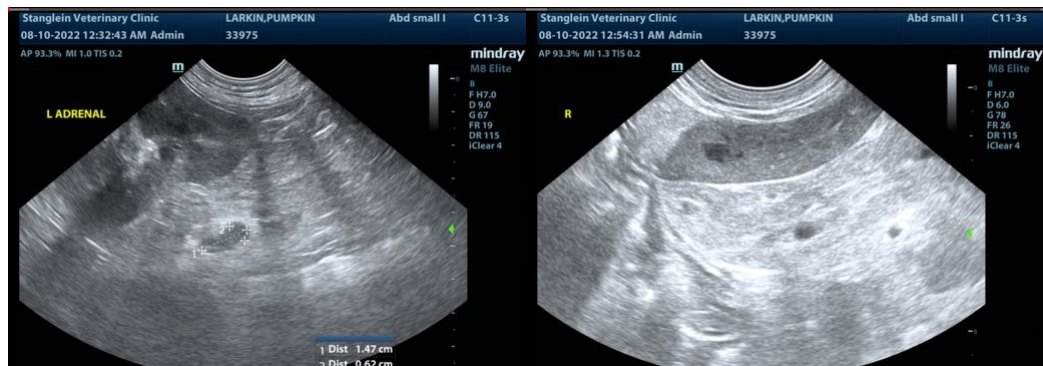
Pitbull Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver, lymph nodes and spleen are recommended, particularly the splenic nodule.

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Spayed Female



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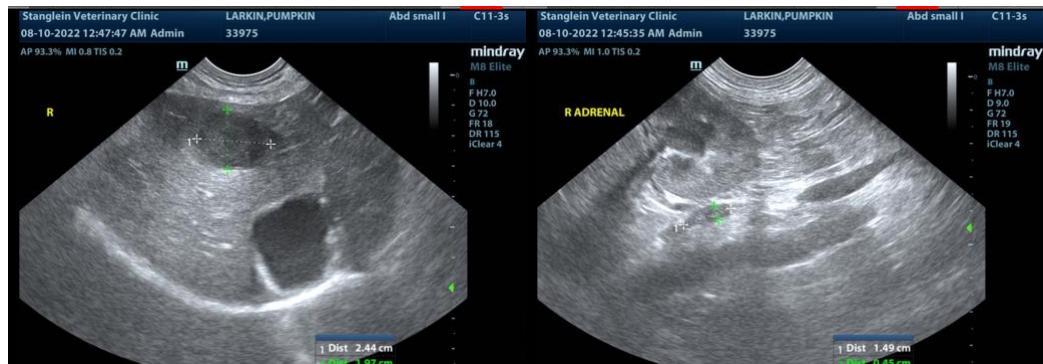
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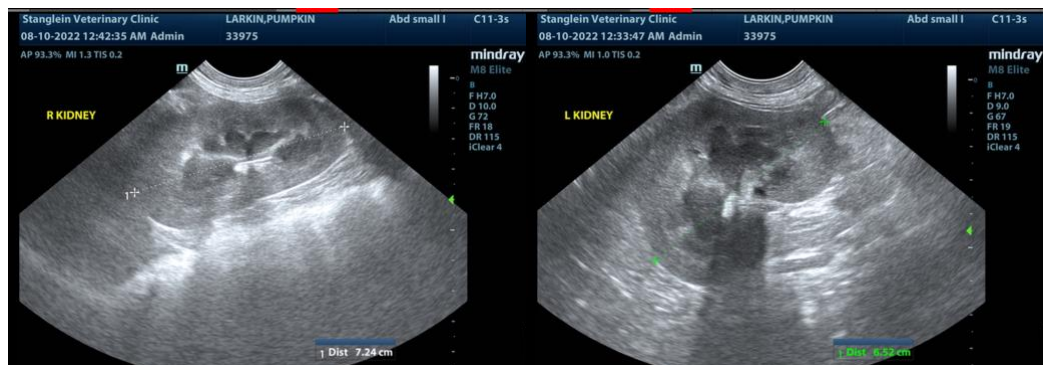


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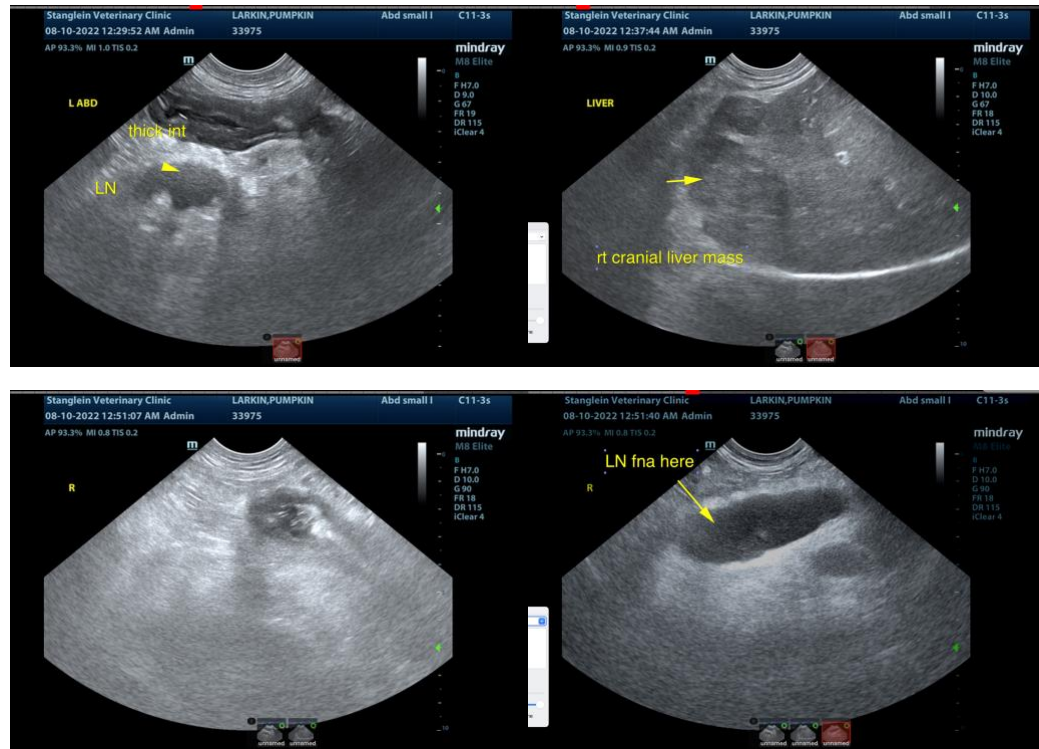
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com