

PATIENT PRESENTING CLINICAL SIGNS

Molly Willis History: BAR, e/d+, no C/S/V/D ascites, moderately distended abdomen, difficult to palpate discrete organs slight enlargement in left inguinal LN 3 cm soft mobile SQ mass right cranial inguinal area elevated ALT, ALP, historical (X hyperbilirubinemia r/o increased destruction of RBCs vs. liver (internal processing vs. biliary excretion suspect primary liver

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: CBC: wnl Chem: ALT, 501, 18 - 121 U/L ALP, 586 5 - 160 U/L, Bilirubin - Total 0.5 0.0 - 0.3 mg/dL SDMA: wnl T4: wnl elevated ALT, ALP, historical hyperbilirubinemia r/o increased destruction of RBCs vs. liver (internal processing vs. biliary excretion suspect primary liver Current Medications Denamarin Large Dog, Gabapentin 300mg

BREED

Lab Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Canine

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.

AGE

11 Years

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 left kidney measured 7.24 cm. The right kidney measured 5.96 cm.

WEIGHT

79 Lbs.

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 right adrenal gland measured 3.4 cm x 0.51 cm at the caudal pole and 0.64 cm at the cranial pole. The left adrenal gland measured 3.22 cm x 0.56 cm at the caudal pole and 0.7 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUS

Spleen

The **spleen** was mildly enlarged and slightly heterogeneous with uniform swelling, most consistent with reactive state and hyperplasia, although if any weight loss is present, then 25-gauge FNA indicated to sure this is a benign change.

HOSPITAL NAME

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Liver

The **liver** revealed coarse architecture and increased portal markings with slight irregular contour. No evidence of posthepatic disease present. Isoechoic left liver nodule noted, measuring 2.0 cm. A separate nodule at the caudal aspect of the left lateral lobe measured 1.5 cm. These nodules are nondisruptive and most consistent with nodular hyperplasia, however, FNA of this region recommended. The gallbladder and common bile duct were unremarkable. The changes are consistent with chronic inflammatory type presentation. FNA warranted for further definition. Bile acid profile warranted to assess for any early dysfunction.

REFERRING VET

Dr. Titterington

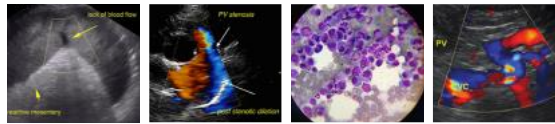
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Gastrointestinal

DATE

1/14/22



PATIENT Some retention of ingesta was noted in the **stomach**. The small intestine and colon were unremarkable.

Molly Willis **Pancreas**
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some minor parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED *Other*
The **right auricle** was free of evident pathology as was the pericardium in rapid assessment.

Lab Mix

ULTRASONOGRAPHIC FINDINGS

- SEX**
- Spleen, mildly enlarged and mildly heterogeneous
 - Liver, chronic inflammatory type presentation with nodular changes
- Canine
- Stomach retention of ingesta
 - Age-related renal and pancreatic changes

AGE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

11 Years Splenic and hepatic FNA warranted for further definition as well as bile acid profile. No overt evidence of neoplasia.

WEIGHT
79 Lbs.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

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REFERRING VET

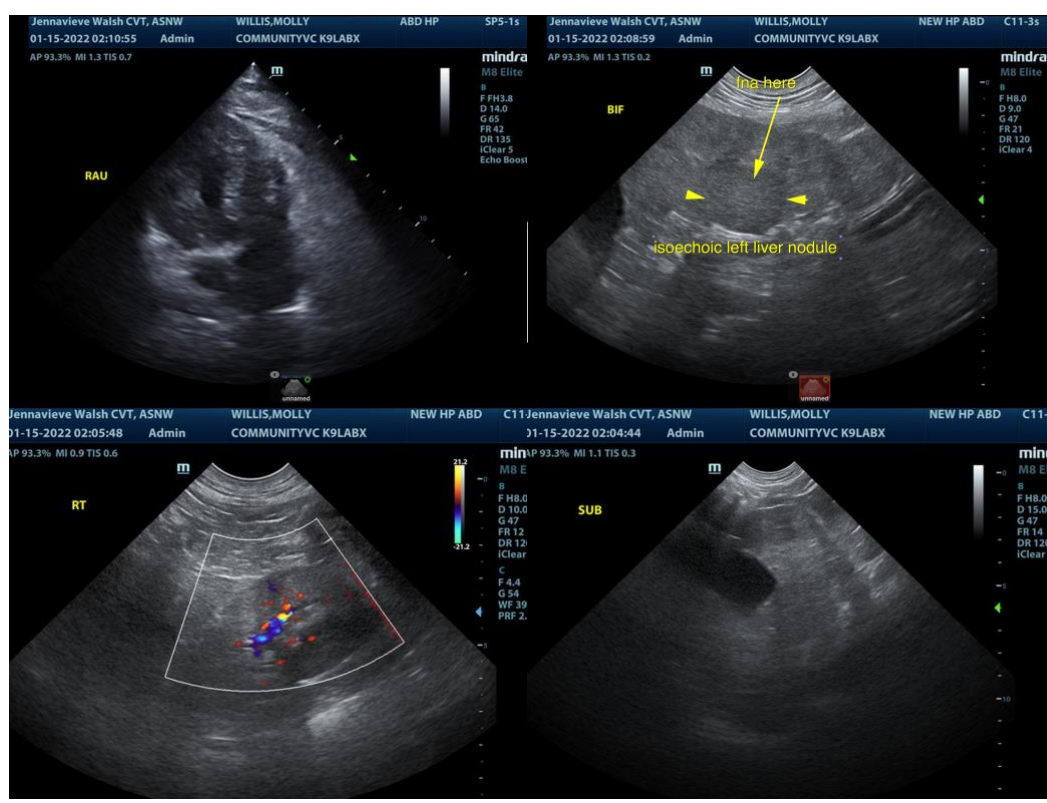
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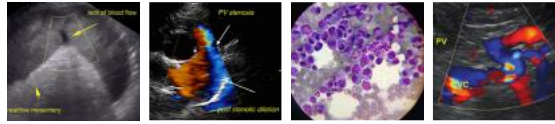
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PATIENT
Molly Willis

SPECIES
Canine

BREED
Lab Mix

SEX
Canine

AGE
11 Years

WEIGHT
79 Lbs.

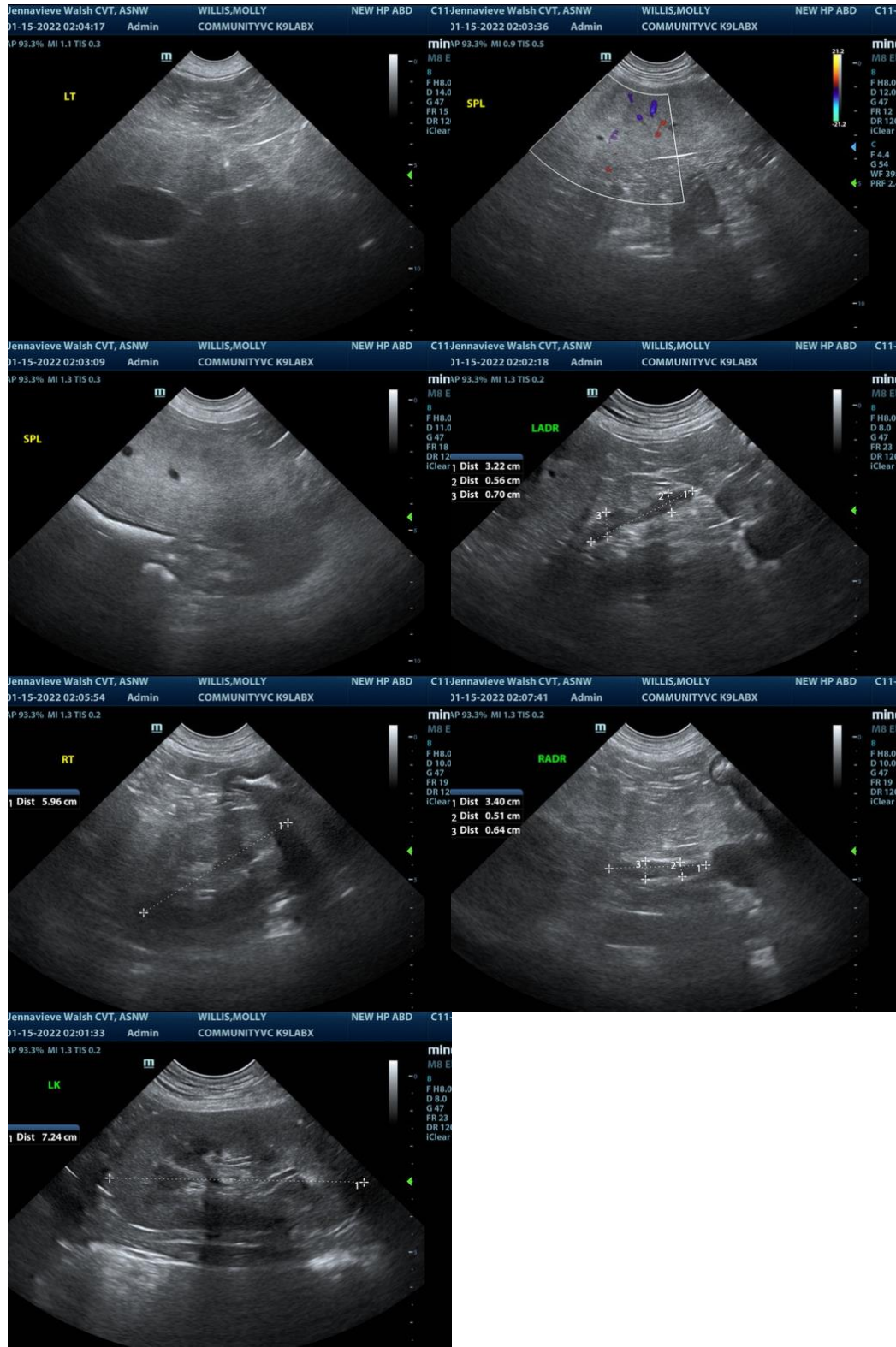
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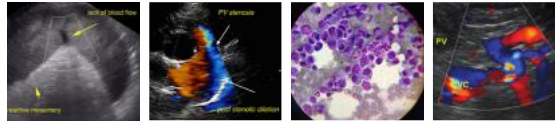
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PATIENT Molly Willis
The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 Lab Mix
Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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SEX
Canine

AGE
11 Years

WEIGHT
79 Lbs.

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