



PATIENT

Oliver Shinn

SPECIES

Canine

BREED

Labradoodle

SEX

Neutered male

AGE

10 years

WEIGHT

18.9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

K Peterson

HOSPITAL NAME

Wilvet Salem

REFERRING VET

Dr. Peterson

INVOICE

95067

DATE

1/10/22

PRESENTING CLINICAL SIGNS

CBC - Hemoconcentration HCT 59.6%, Mild leukocytosis 17.66k, Monocytosis 2.85k, Thrombocytopenia 85k, Chem- Elevated liver values ALT 466, ALP 1498, GGT 58, Tbili 5.8, Lytes - Low chloride 108, rest wnl EPOC - Respiratory Alkalosis pH 7.519, pCO2 6.4, Hyponatremia 138, Hypokalemia 3.3, chloride failed, low iCa 1.04, Hyperlactatemia 5.02, HCT 66% Witness leptotest - Neg CPL - Abnormal

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed minor, slight micropolypoid changes with anechoic urine.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.5 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** revealed subtle, heterogenous parenchymal changes. The spleen was normal in size and contour with hypoechoic nodules that measured up to 0.6 cm.

Liver

The **liver** was enlarged, hypoechoic and irregular. Nodular hepatic parenchymal changes were noted with increased portal markings. The gallbladder wall was mildly thickened with enhanced surrounding mesentery.

Gastrointestinal

The **stomach** was mildly thickened with hypertrophy, reactive surrounding mesentery and anechoic fluid. There was no loss of mural detail or foreign bodies. The small intestine and colon were unremarkable.



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Pancreas

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Reactive mesentery was noted in the region of the pancreas. However, the pancreatic parenchyma was poorly visible owing to enhanced, surrounding mesentery and poor resolution.

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Free Abdomen

Free fluid was noted.

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ULTRASONOGRAPHIC FINDINGS

SEX

Neutered male

Undefined splenic and hepatic nodular changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

10 years

FNA of the spleen and liver is recommended. This is most consistent with gastritis and pancreatitis presentation. There is a strong concern for round cell neoplasia of the spleen and liver ensuring that platelet count is > 70000 +/- coagulation panel prior to sampling of the spleen and liver. Guarded prognosis. Round cell neoplasia of the spleen and liver versus nodular hyperplasia and inflammatory hepatopathy/splenitis.

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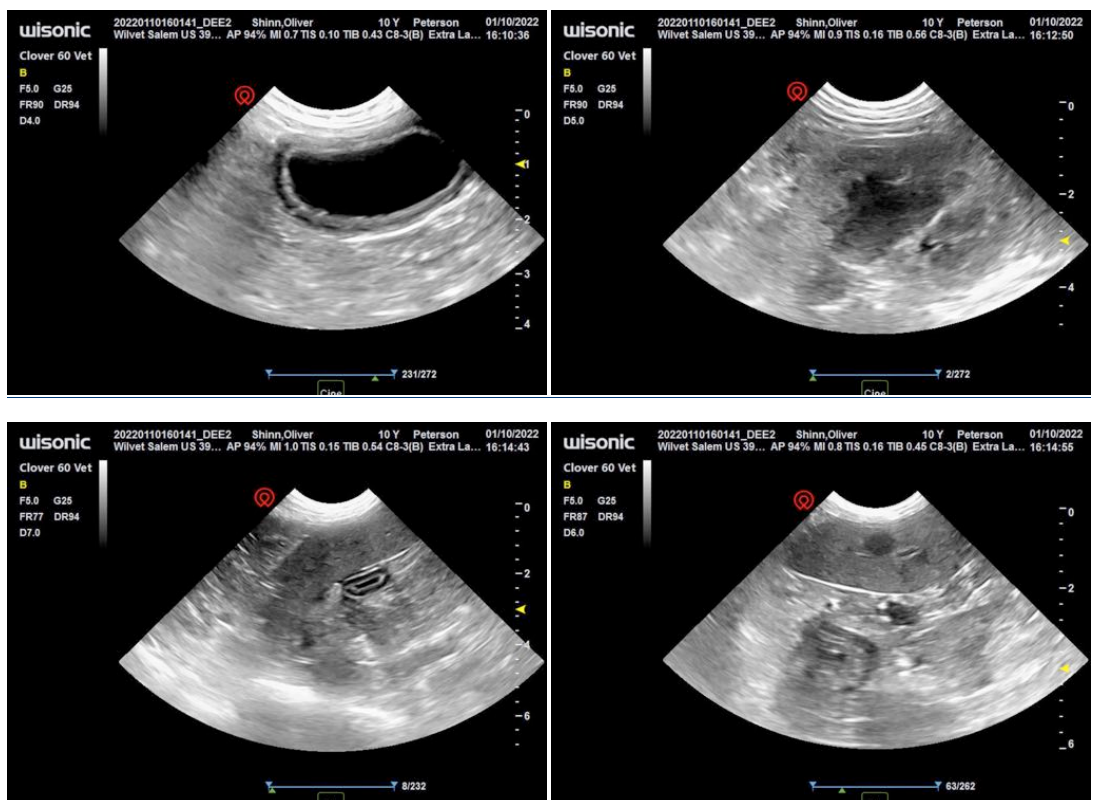
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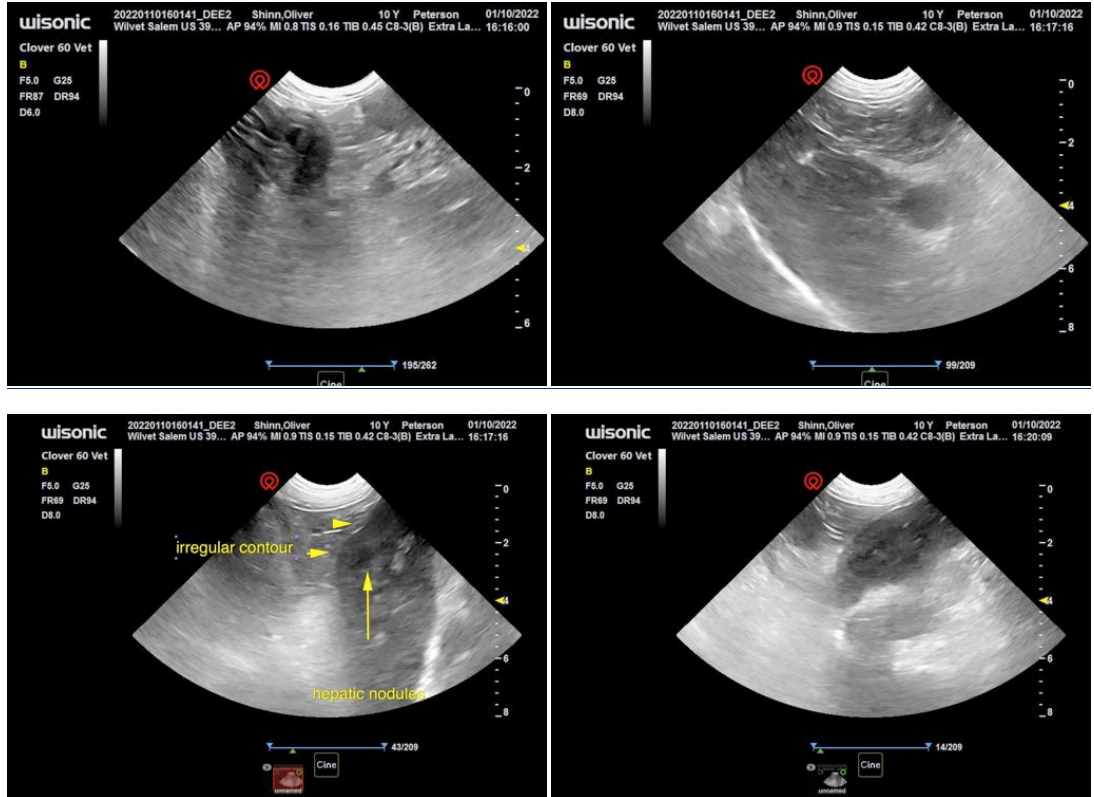
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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