



PATIENT PRESENTING CLINICAL SIGNS

Valentino Lopez History: Presented today for abdominal ultrasound to evaluate possible abdominal masses. The patient came 9/20/21 to the clinic because is vomiting, Patient temperature stable no V/D. BAR send home with doxy, famotidine, denamarin, and cerenia as needed cont. with HP diet ,recheck 2 weeks bloodwork abdominal ultrasound recommended to R/O mass, suspect E.canis active.

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: First Laboratory 9/20/21: cbc anemia, neutrophilia, leukocytosis Chem: Elevated TP, Glob, high ALT, ALKP Re-check 14 days and repeat laboratories 10/6/21: CBC values of WBC/NEU normal, cont to have mild anemia chem ALT 333, ALKP, GGT higher than last visit

BREED

Rottweiler Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX Urinary system

Neutered Male

The urinary bladder, trigone and pelvic urethra present normal findings without evidence of uroliths or sediment. Wall layering is intact on all views without focal or diffuse thickening. Ureters are not visualized and considered to be normal. No evidence of an inflammatory or neoplastic process are noted.

AGE

12 Years

Both kidneys are inconspicuous with a clear corticomedullary definition. Renal pelvises and exits to the ureters are unremarkable.

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

Reproductive tract

The prostate is small and appears smoothly marginated with some hyperechoic areas best seen in the transverse images.

Adrenal glands

HOSPITAL NAME

Paseos VC

Both adrenal glands are normal.

Spleen

The spleen is inconspicuous in terms of size, surface and echotexture and shows diameters of 1.4 cm. There are no signs of nodular/focal changes are noted.

REFERRING VET

Dr. Jennifer Walker

Liver/Gallbladder

Liver images present a significantly inhomogeneous echotexture with multiple nodular-like hypoechoic areas and hyperechoic linear septi. The liver generally appears hyperechoic. Beside that a small cyst (0.72 cm) and at least one hyperechoic, clearly marginated nodule (0.90 cm) is recognized. Liver surface is irregular. Changes are noted throughout especially in the right caudate lobe. In the latter multiple eccentric calcifications are detected.

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PATIENT The gallbladder shows a moderate amount of sludge. The gallbladder wall is unremarkable without signs of a florid process or cholestasis.

Valentino Lopez

Gastrointestinal

SPECIES The stomach, the small intestine and colon present intact wall layers being normal in width and echogenicity. Adjacent mesentery and fat tissue are of normal appearance. There is no overt evidence of an ileus, a florid or even neoplastic process. Mesenteric, epigastric and portal lymph nodes are considered to be normal.

Canine

BREED

Pancreas

Rottweiler Mix

All pancreatic parts displayed show isoechoic echogenicity to the surrounding omental fat. Signs of inflammatory changes or focal lesions are missing.

SEX

Free Abdomen

Neutered Male

There is no evidence peritoneal or retroperitoneal effusion noted.

Abdominal fat and great vessels show no pathological findings.

AGE

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ULTRASONOGRAPHIC FINDINGS

Primary

- Severe hepatopathy

Secondary

- Hyperechoic areas prostate
- Gallbladder sludge

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasonographic findings of the liver present marked morphologic changes of the liver parenchyma and speak for chronic degenerative/regenerative liver disease such as chronic and active hepatitis/initial cirrhosis with multiple regenerates and nodular hyperplasia. The striated calcifications of the right caudate lobe likely represent bile mineralization due to chronic cholangitis/-hepatitis or residuals of focal inflammation/infection. Neoplasia cannot be fully ruled out (see hyperechoic nodule 0.9 cm) but currently seems unlikely to me. For a final assessment FNA/biopsy and/or a regular follow up ultrasound are recommended.

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PATIENT

Valentino Lopez

Stomach and small intestine including pancreas represent normal findings. Normal sonographic appearance does not exclude functional problems going along with gastritis/duodenitis/pancreatitis or indigestibility.

SPECIES

Canine

Changes of the gallbladder likely represent mild and chronic cholecystitis without signs of a cholestasis.

The prostate shows still a smooth surface. The hyperechoic areas may show fibrous/scar tissue due to prostatitis but are also recognized with initial neoplasia. I therefore would recommend a regular sonographic recheck.

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Rottweiler Mix

SEX

Neutered Male

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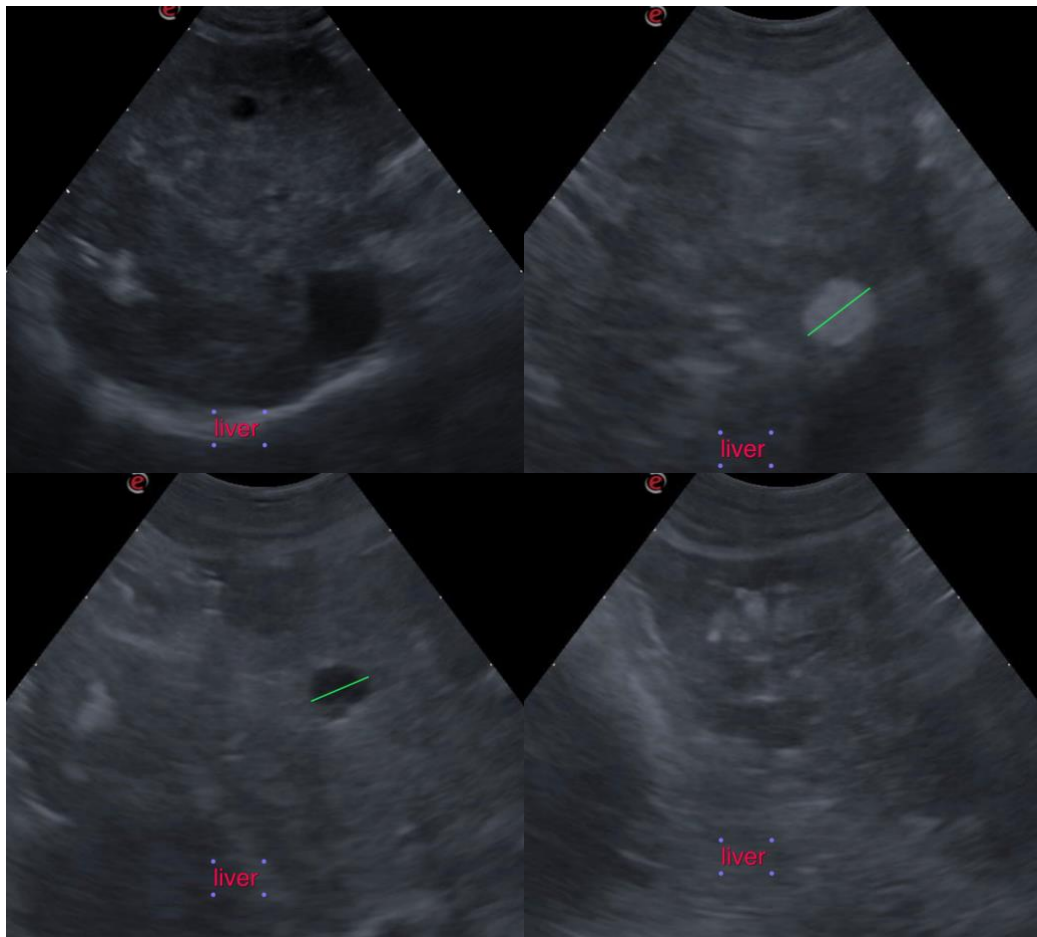
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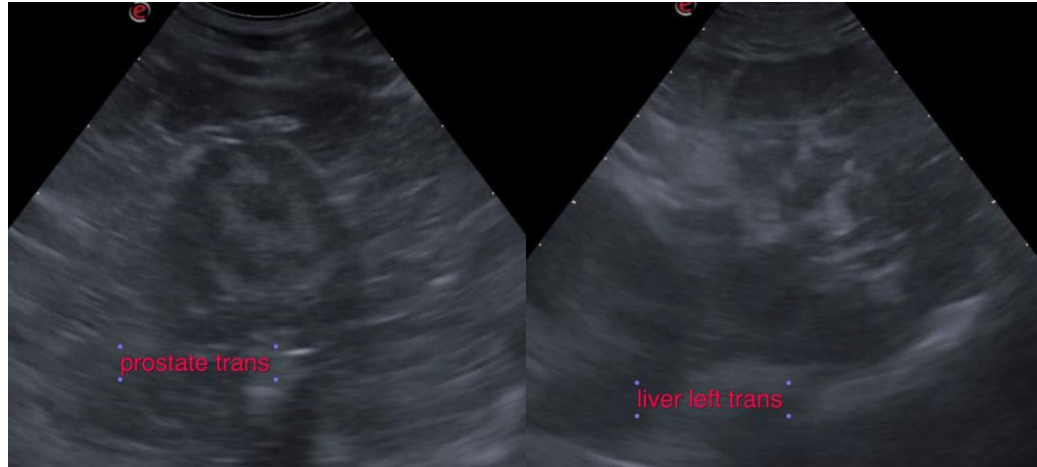
Valentino Lopez

SPECIES

Canine

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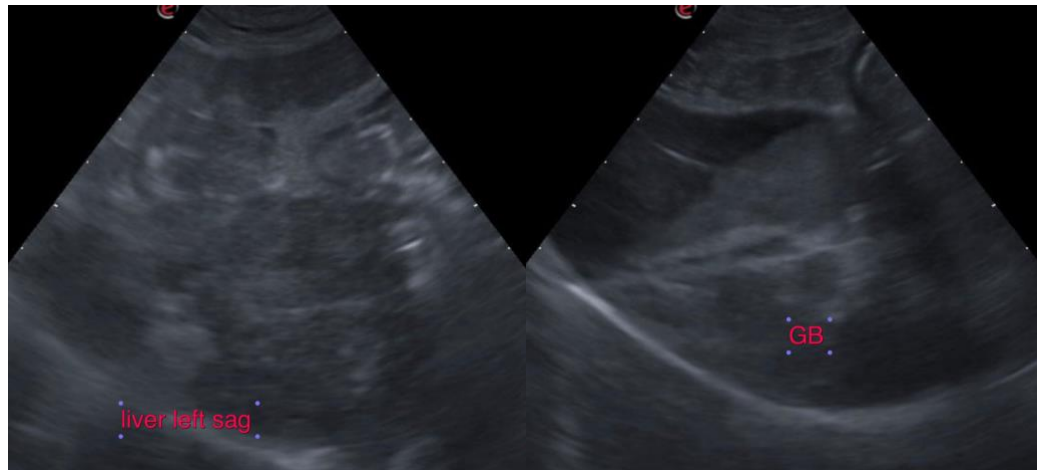


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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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