

PATIENT

Toby Wolsey

SPECIES

Canine

BREED

Yorkie Mix

SEX

MN

AGE

13 Years, 10 Months

WEIGHT

12.4 lbs

INTERPRETED BY

Sebastian Jawinski,
German Board Certified
Vet Specialist in
Diagnostic Imaging

IMAGING PERFORMED BY

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VET

Family Pet Practice

INVOICE

48854

DATE

12-7-21

PRESENTING CLINICAL SIGNS

Presented 12/6/21 for seizure activity. Also had recent history of bilious vomiting. Abnormal PE/Chem/CBC/UA Results: ALT 495 (elevated) BUN 50.5 (elevated) T4 1.14 (low) UA unremarkable Lab4DX negative Bile Acids pre: 3.3 (0-10umol/L) post: 45.7 (0-10umol/L)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary system

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 is noted.

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

Adrenal glands

The left adrenal gland measures 0.45 cm in cranial pole, 0.52 cm in caudal pole. The right adrenal gland measures 0.68 cm in cranial pole, 0.41 cm in caudal pole.

Both present normal size, shape and echogenic texture.

Spleen

The spleen is age appropriate and inconspicuous in terms of size, surface and echotexture and shows diameters of 1.36 cm. There are no relevant signs of nodular/focal changes noted.

Liver/Gallbladder

The left/central liver impresses with a single, large mass of 3.74 x 3.44 cm showing a mixed, more hyperechoic pattern with well-defined margins. Color doppler presents good perfusion.

The gallbladder shows a small amount of sludge. The gallbladder wall is unremarkable without signs of a florid process.

Gastrointestinal

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-inflammatory or even neoplastic process. Mesenteric, epigastric and portal lymph nodes are considered to be normal.

Pancreas

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

Free Abdomen

There is no evidence of peritoneal or retroperitoneal effusion noted. Abdominal fat and great vessels show no pathological findings.

ULTRASONOGRAPHIC FINDINGS

- Large hepatic mass central/left liver with a mixed echogenicity > 3 cm



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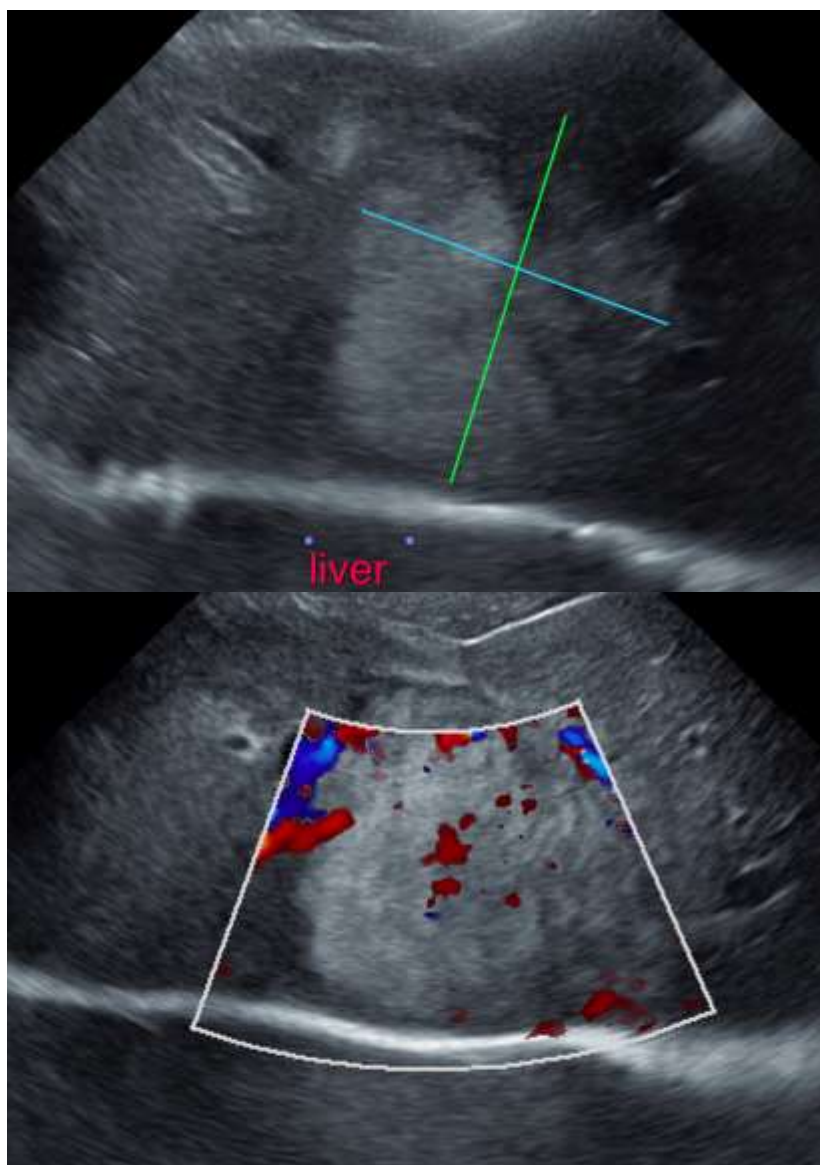
DATE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Sonographic findings of the liver are unspecific. The mixed echogenicity of the mass includes differentials such as granuloma, nodular hyperplasia/regenerate, adenoma, adeno-/hepatocellular carcinoma, other malignant neoplasia/metastasis. I would rule out abscess formation and hematoma. Metastases are normally presented as multiple target lesions which are not recognized in this case. Diameters of > 3 cm indicate malignancy.

Biopsy/FNA is recommended for final assessment.





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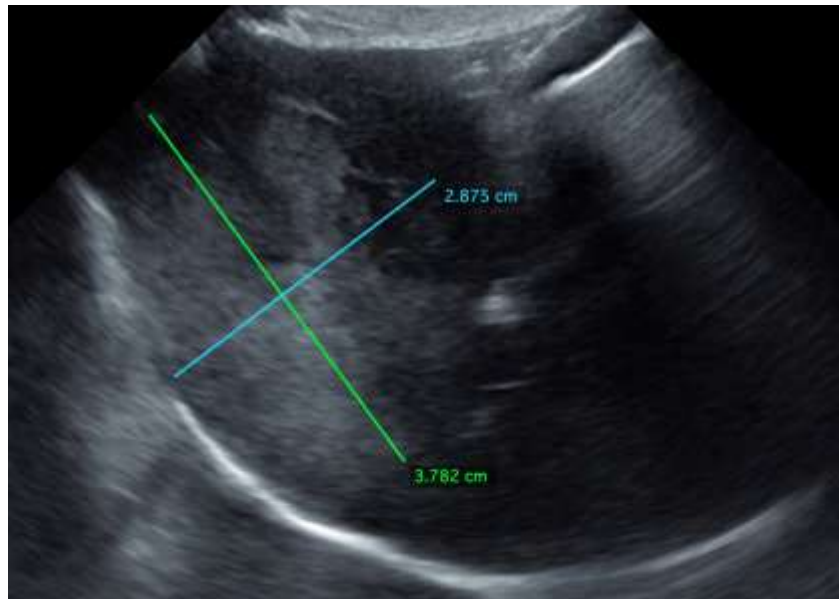
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
info@sonopath.com