

Radiology Services Report (8239635-15/Ultrasound Consult - Routine)**Completed 08/29/22 09:25 AM****Patient Name:** XXXXXXXX**Requesting Doctor:** xxx**Gender:** Female**Species:** Canine**Breed:** Maltese**Age:** 6Yr 11Mo**Weight:** 3.45 Kg

Primary Complaint: Ultrasound Consult

ABDOMINAL ULTRASOUND August 24, 2022: 66 still images and 2 video clips are provided for review.

LIVER/GALLBLADDER: The liver is mildly hyperechoic, and is similar in echogenicity to the spleen. There is an ill-defined hyperechoic nodular area in the liver that measures approximately 0.80 cm in length. There is a amount of nonorganized, gravity dependent echogenic debris in the gallbladder that is consistent with sludge.

SPLEEN: The splenic parenchyma is normal.

KIDNEYS: The renal cortices are mildly hyperechoic. There is adequate renal corticomedullary definition. There are small hyperechoic foci that shadow distally in the left renal diverticuli, and a slightly larger hyperechoic focus that shadows distally closer towards the right renal pelvis that is measured at 0.26 cm in length. There are a few small anechoic cyst in the left renal cortex. There is no evidence of renal pelvic dilation. The left kidney is measured at 3.09 cm in length. The right kidney is measured at 3.43 cm in length

Requested By:
Jessica Tyler, DVM
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F2:
re: SOPHIE ERWIN (12672)

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9200 SE Sunnybrook Blvd., Suite 460
Clackamas, OR 97015

ADRENAL GLANDS: The adrenal glands are normal in shape, size, and echogenicity. The cranial pole of the left adrenal gland is measured at 0.41 cm in thickness in the caudal pole is measured at 0.48 cm in thickness. The cranial pole of the right adrenal gland is measured at 0.36 cm in thickness in the caudal pole is measured at 0.60 cm in thickness (this is may be slightly overestimated).

URINARY BLADDER: The urinary bladder is normal, and there is no evidence of calculi.

GASTROINTESTINAL: There are no abnormalities seen of the stomach, small intestine, or colon, and the gastric, small intestinal and colonic wall thickness and layering are normal.

PANCREAS: The pancreas is normal.

LYMPH NODES: There is no evidence of lymphadenopathy.

PERITONEUM/MESENTERY: The mesentery is normal in echogenicity, and there is no evidence of peritoneal effusion.

CONCLUSIONS: The mildly hyperechoic hepatic parenchyma is consistent with the presence of a vacuolar hepatopathy given the elevated liver enzyme, which is a nonspecific finding. The ill-defined hyperechoic nodular regions is most likely benign lesion due to nodular regeneration or a myelolipoma. This is unlikely evidence of neoplasia.

The mildly hyperechoic renal cortices are suspicious for evidence of chronic renal disease. Bilateral nephrolithiasis.

RECOMMENDATIONS: An SDMA test is recommended to further assess renal function and to have a baseline for future monitoring. Ultrasound-guided sampling of the hepatic parenchyma could be pursued if further evaluation of the liver is desired. Consultation with an internal medicine specialist could also be considered to discuss additional diagnostic and options for the patient.

If you have any questions, please do not hesitate to contact me directly at kristy-barksdale-kunz@idexx.com (preferred). If I do not reply within 24 hours or for URGENT questions, please call 1-800-726-1212 and speak to the first available radiologist if I am not available. The contact information is for veterinarian use only please. Thank you.



Kristy Barksdale-Kunz, DVM, DACVR
Radiologist

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