



PATIENT PRESENTING CLINICAL SIGNS

Aaliyah Tawse History: enlarged liver and kidneys on abd palpation,
Abnormal PE/Chem/CBC/UA Results: elevated liver and kidney values

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Pomeranian

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted. Aortic trifurcation was normal.

SEX

Spayed Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 5.2 cm in length. The right kidney measured 5.5 cm in length.

AGE

9 Years

Adrenal Glands

WEIGHT

11.2 kg

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.6 cm length x 0.62 cm width at the caudal pole.

No overt pathology in the area of the right adrenal gland.

INTERPRETED BY

R. McKenzie Daniel, DVM,
DABVP (Canine and
Feline)

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease.

IMAGING PERFORMED BY

Kelly Reschny

Liver

HOSPITAL NAME

Beattie Pet Hosital
Burlington

The liver exhibited generalized enlargement primarily in the mid to left liver owing to a mildly expansive isoechoic to non-homogenous mass. The liver mass appeared to extend caudally potentially into the area of the mid abdomen. The mass measured approximately 9.0 cm-10.0 cm in diameter. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with echogenic, nonmineralized, nondependent biliary sludge. The biliary sludge was non organized with a hypoechoic to anechoic, irregular to interrupted rim visible between the nondependent sludge and inner wall. No signs of peripheral inflammation. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Williams

INVOICE

12898

Gastrointestinal

DATE

9/1/21

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.



PATIENT

Aaliyah Tawse

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

SPECIES

Canine

Pancreas

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

BREED

Pomeranian

Free Abdomen

No evidence of concurrent lymphadenopathy or peritoneal effusion.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Hepatomegaly with parenchymal remodeling and expansive mid to left liver mass
- Non-inflamed gallbladder mucocele
- Bilateral normal renal size with mild chronic changes

AGE

9 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

11.2 kg

Assuming normal clotting status, ultrasound guided hepatic mass and parenchymal FNA recommended for screening cytology and potential further clarification of the hepatic mass. Given the potential for more than one liver lobe involvement, complete resectability of the mass is highly questionable. Hepato-supportive medications including ursodiol given the presence of the non-inflamed gallbladder mucocele recommended. Continued monitoring for evidence of increasing cholestasis or subxiphoid/cranial abdominal pain on palpation in the area of the gallbladder suggested.

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DABVP (Canine and
Feline)

If surgical options are being considered, CT assessment of the mass for further clarification and further assessment of surgical resectability may be considered. 3 view chest radiographs recommended.

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Beattie Pet Hosital
Burlington

REFERRING VET

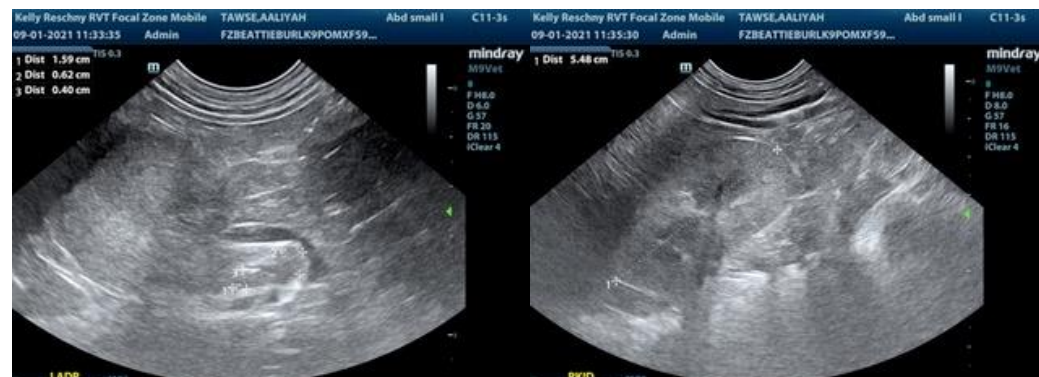
Dr. Williams

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PATIENT

Aaliyah Tawse

SPECIES

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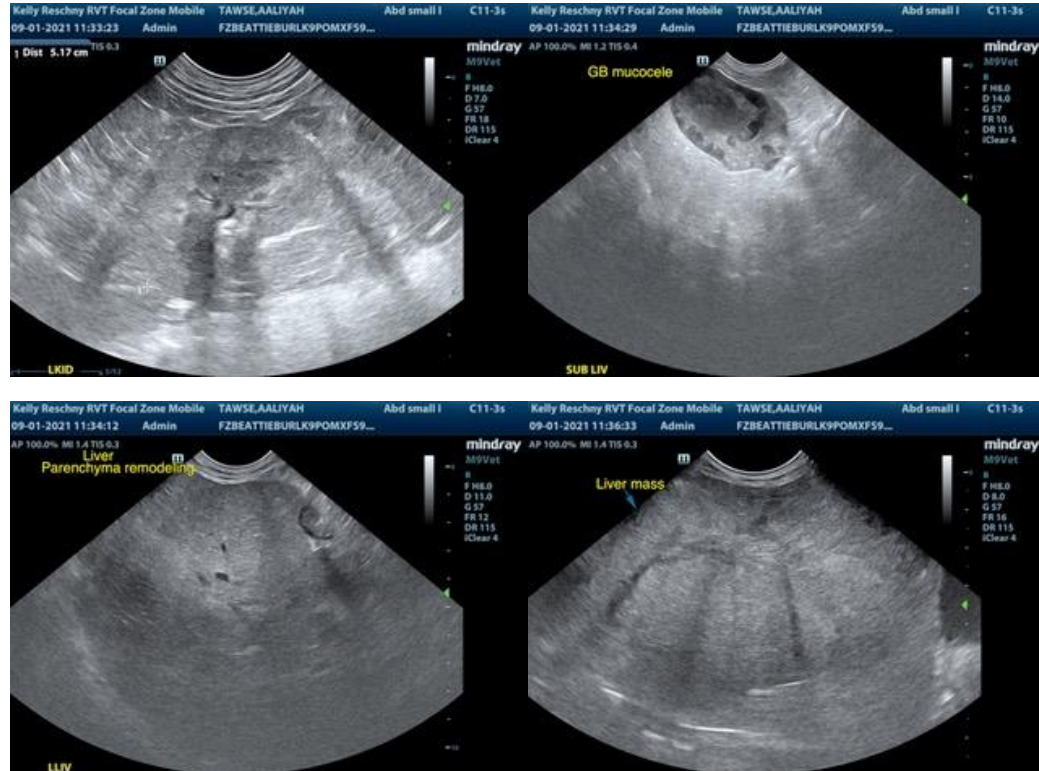
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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