



**PATIENT PRESENTING CLINICAL SIGNS**

**Molly Hughes** History: Presented for distended abdomen, suspected mass on radiographs, slight elevation ALT, very large fatty mass(s) on bilateral chest wall, fatty masses all over abdomen Cytopoint, Dasuquin

**SPECIES** Abnormal PE/Chem/CBC/UA Results: CBC wnl. ALT 147, CHOL 434, AMYL 394

**Canine ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED** The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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 was noted.

**Lab Mix**

**SEX** The area of the aortic trifurcation was free of pathology.

**Spayed female**

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 6.2 cm in length. The right kidney measured 6.5 cm in length.

**AGE**

**12 years**

**Adrenal Glands**

**WEIGHT**

**76.6 pounds**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.35 cm width at the caudal pole and 0.53 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.67 cm width at the caudal pole and 0.77 cm width at the cranial pole.

**INTERPRETED BY**

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

**Spleen**

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

**IMAGING PERFORMED BY**

Rebekah Jakum, CVT  
 ARDMS/RVT

**Liver/ Gallbladder**

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

**HOSPITAL NAME**

Pocono Peak  
 Veterinary Center

**Gastrointestinal**

**REFERRING VET**

**Dr. Coyle**

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.

**INVOICE**

**10352ag**

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.

**DATE**  
**04/12/2022**

**Pancreas**



**PATIENT**

Molly Hughes

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 were evident.

**SPECIES**

Canine

**Free Abdomen**

Large homogeneous mass was present in the cranioventral abdomen consistent with fat echogenicity measuring approximately 11 cm in diameter. Concurrent similar appearing subcutaneous masses were also present. No overt abdominal lymphadenopathy or evidence of peritoneal effusion was present.

**BREED**

Lab Mix

**ULTRASONOGRAPHIC FINDINGS**

- Large cranial abdominal lipoma.
- Concurrent subcutaneous lipomas.
- Low grade hepatopathy.

**SEX**

Spayed female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

12 years

No overt evidence of significant hepatic pathology was observed. Potential for low grade reactive of inflammatory hepatopathy given the mild ALT elevation. Conservative monitoring of the ALT elevation with hepatosupportive medications and/or hepatic sampling if persistent/progressive ALT elevation is noted.

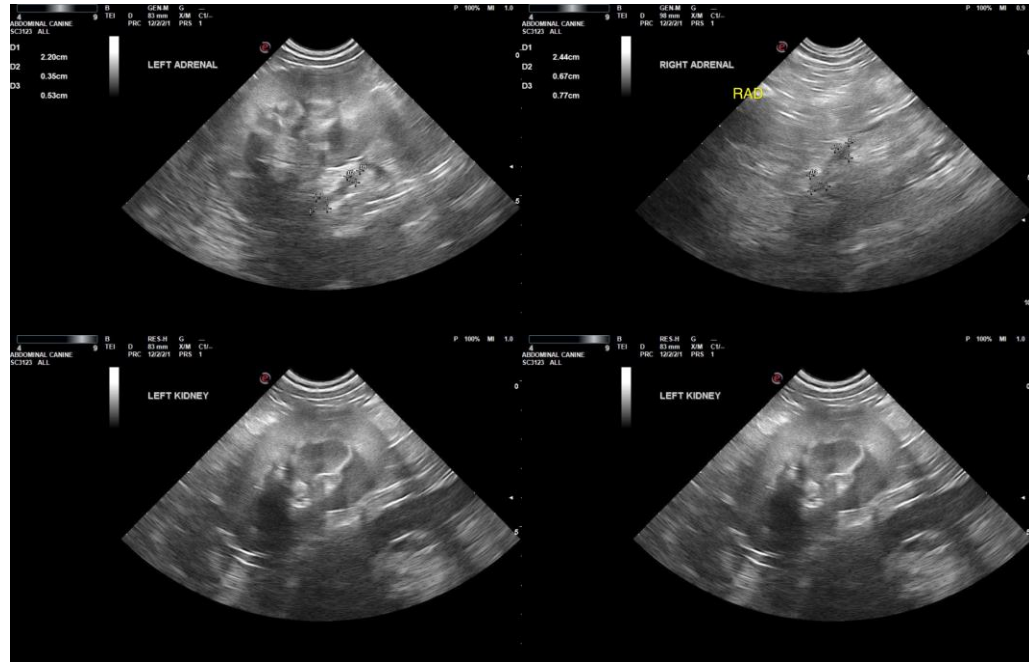
**WEIGHT**

76.6 pounds

No evidence of intra-abdominal neoplastic criteria was noted.

**INTERPRETED BY**

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ARDMS/RVT

**HOSPITAL NAME**

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Veterinary Center

**REFERRING VET**

Dr. Coyle

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**PATIENT**

Molly Hughes

**SPECIES**

Canine

**BREED**

Lab Mix

**SEX**

Spayed female

**AGE**

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**WEIGHT**

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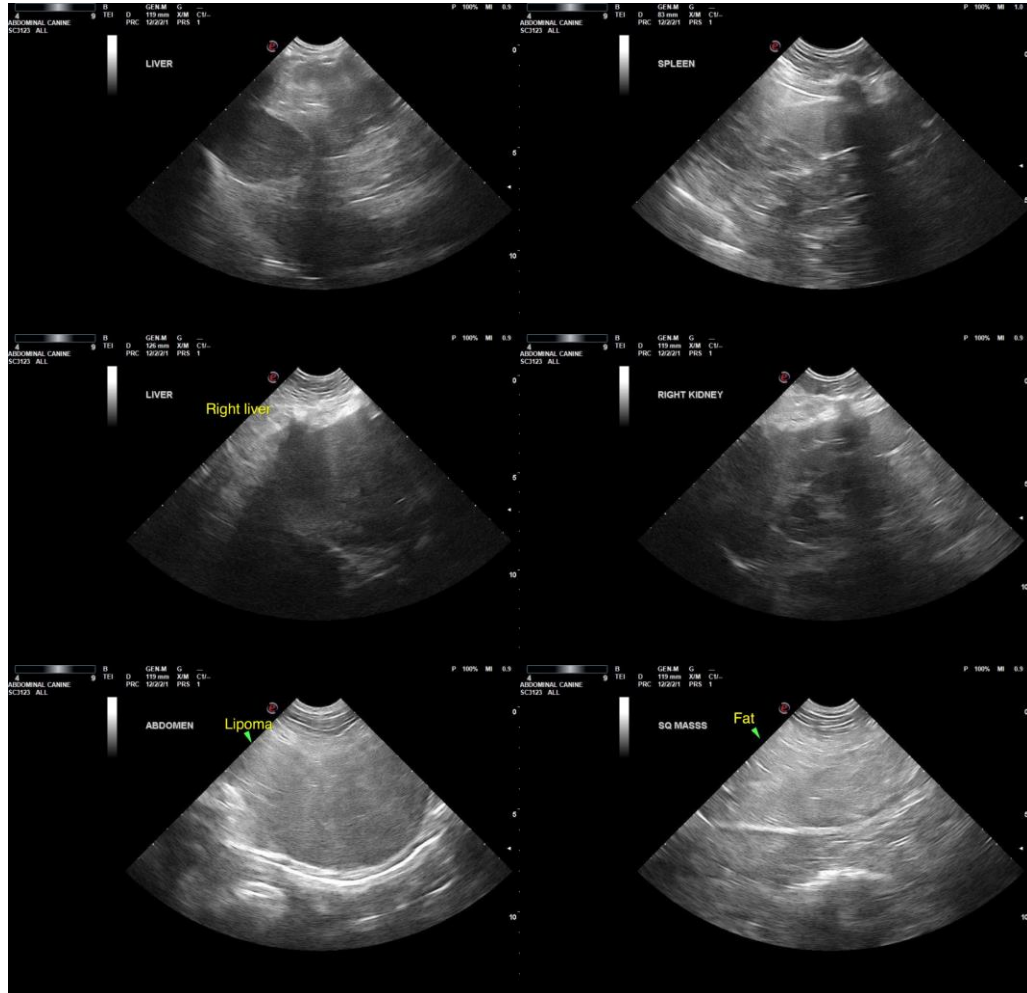
Dr. Coyle

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**DATE**

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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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