



**PATIENT**

Willow McCann

**PRESENTING CLINICAL SIGNS**

The cPL was high so we are doing the abdominal ultrasound to check to see how the pancreas looks.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: PE: was normal CBC: Hematocrit 59.2% Hemoglobin 21.3 g/dL Chem: Triglyceride 156mg/dL Amylase 2,117 U/L Lipase 867 U/L Spec cPL 823 ug/L UA: PH 9.0 Specific Gravity >1.050 Sediment clear. Heartworm Antigen Negative Ehrlichia canis / ewingii Negative Lyme (Borrelia burgdorferi) Negative Anaplasma phagocytophilum / platys Negative Ova & Parasites - Zinc Sulfate Centrifugation Negative Giardia Antigen Negative Hookworm Antigen Negative Whipworm Antigen Negative Roundworm Antigen Negative

**BREED**

Vizsla

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**SEX**

Spayed Female

**Urinary System**

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

**AGE**

4 Years 11 Months

The left kidney has a normal shape and size (5.29 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of focal perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**WEIGHT**

34.4 Pounds

The right kidney has a normal shape and size (5.57 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of focal perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**INTERPRETED BY**

Kathleen Sennello DVM,  
MS, Diplomate ACVIM  
(Small Animal Internal  
Medicine)

**Adrenal Glands**

The left adrenal gland is normal in size measuring 0.52 cm at the caudal pole. It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

**IMAGING PERFORMED BY**

Dr. Leon Anderson

The right adrenal gland is normal in size measuring 0.38 cm at the caudal pole. It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

**HOSPITAL NAME**

Elizabeth AH

**Spleen**

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

**REFERRING VET**

Dr. Leon Anderson

**Liver**

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is mildly heterogenous in echotexture with subtle, indistinct focal mottling. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed.

**INVOICE**

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The gallbladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are mild and primarily anechoic. The cystic and common bile ducts are normal/not visible.

**DATE**

9/20/22



**PATIENT**

**Gastrointestinal**

Willow McCann

The stomach contains minimal luminal contents. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

**SPECIES**

Canine

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. Duodenum wall measures 0.56 cm. Jejunum wall measures 0.34 cm. Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

**BREED**

Vizsla

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

**SEX**

Spayed Female

**Pancreas**

The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

**AGE**

4 Years 11 Months

**Free Abdomen**

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The Medial iliac nodes appear normal and there was no evidence of a caudal aortic thrombus at the bifurcation. The omentum is of normal uniform echogenicity.

**WEIGHT**

34.4 Pounds

**ULTRASONOGRAPHIC FINDINGS**

- Mildly heterogeneous liver – The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, nodular hyperplasia, inflammatory/immune-mediated disease, fibrosis, extramedullary hematopoiesis, toxic hepatopathy (e.g., copper), infiltrative neoplasia (less likely) or other hepatopathy. If there is no evidence of liver enzyme elevations this could be normal for this individual.

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Medicine)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No significant evidence of pancreatic disease was observed on today's scan. The liver was mildly heterogeneous, but this is a non-specific finding. If liver enzymes are normal, this is likely an incidental finding. In this situation, I would consider a low-fat diet and continued monitoring if there is no significant evidence of pancreatic disease on today's scan.

**IMAGING PERFORMED BY**

Dr. Leon Anderson

**HOSPITAL NAME**

Elizabeth AH

**REFERRING VET**

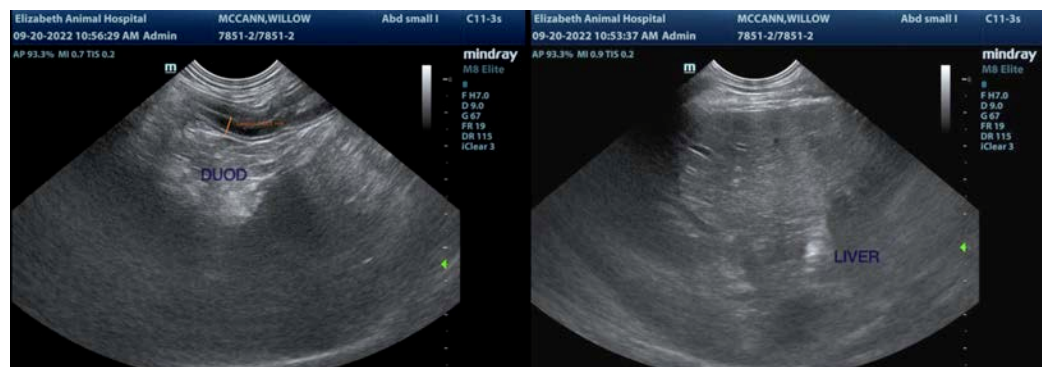
Dr. Leon Anderson

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**PATIENT**

Willow McCann

**SPECIES**

Canine

**BREED**

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**SEX**

Spayed Female

**AGE**

4 Years 11 Months

**WEIGHT**

34.4 Pounds

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**IMAGING  
PERFORMED BY**

Dr. Leon Anderson

**HOSPITAL NAME**

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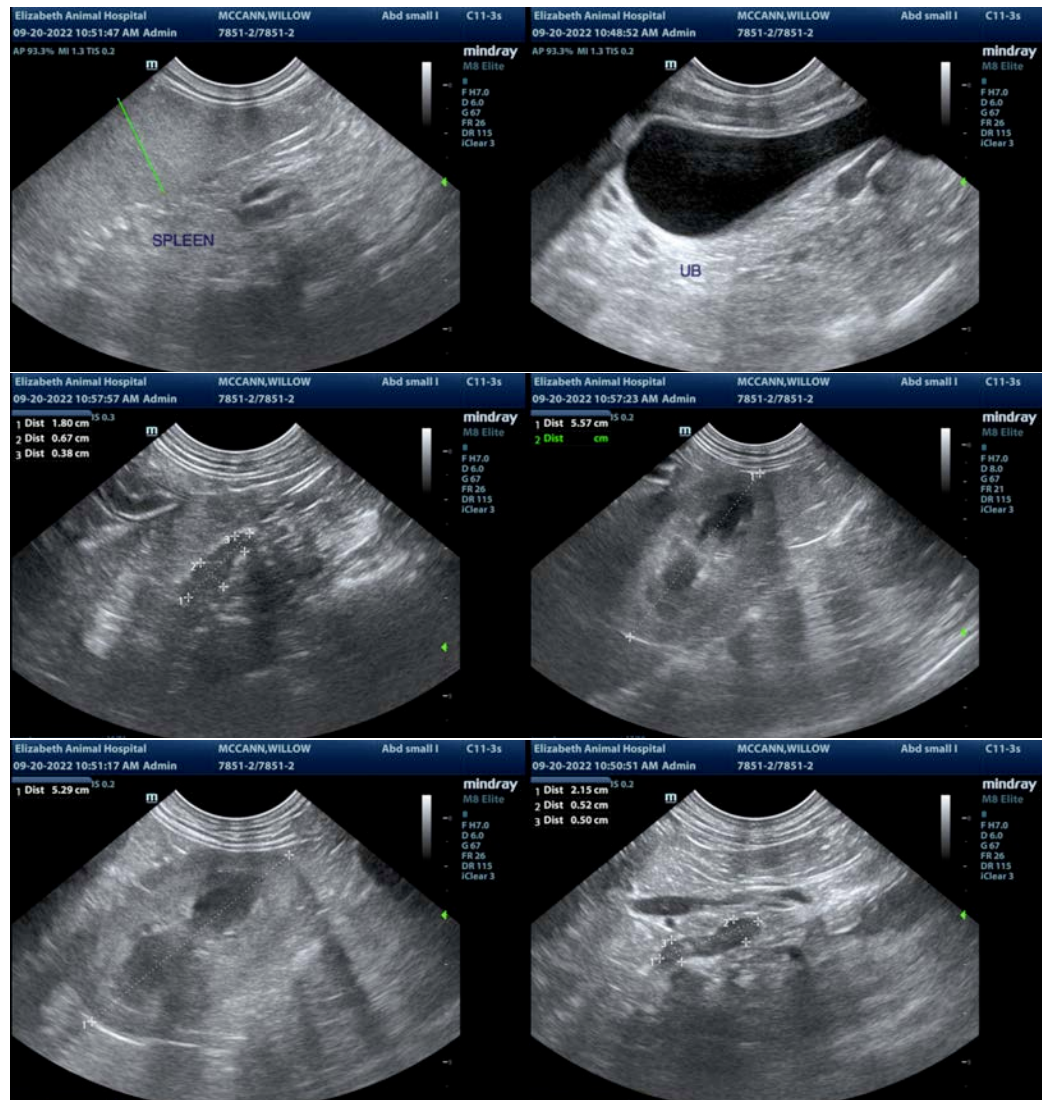
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)

kathleen.sennello@sonopath.com