



**PATIENT PRESENTING CLINICAL SIGNS**

Zoey Rice  
Concern for malignant intraocular tumor, planning for enucleation staging with thoracic rads, AUS, BW  
Abnormal PE/Chem/CBC/UA Results: current BW pending chest rads: clear today

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Feline

**Urinary System**

**BREED**

Himalayan X

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.

**SEX**

Spayed Female

The left kidney has a normal shape and size (3.5 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.

**AGE**

14 Years

The right kidney has a normal shape and size (3.24 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**

5.6 Pounds

**Adrenal Glands**

The region of left adrenal (Cranial to left renal artery) is unremarkable but the adrenal is not distinctly visualized. No evidence of a mass effect.

**INTERPRETED BY**

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

The right adrenal gland is normal in size measuring 0.28 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.

**IMAGING PERFORMED BY**

Dr. Christina Sitton

**Spleen**

The spleen is subjectively normal in size (0.68 cm in width at the level of the hilus). The parenchyma is slightly hypoechoic 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.

**HOSPITAL NAME**

Sherwood Family PC

**Liver**

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

**REFERRING VET**

Dr. Christina Sitton

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.

**INVOICE**

42681

**Gastrointestinal**

The stomach contains minimal luminal contents. It measures at a normal thickness of <0.36cm 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.

**DATE**

11/9/22

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



**PATIENT**

Zoey Rice

layering maintaining the typical 1:3 muscularis:mucosa layer ratio. Jejunum wall measures 0.19 cm. Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

**SPECIES**

Feline

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.

**Pancreas**

**BREED**

Himalayan X

The pancreas is prominent and hypoechoic as compared to the surrounding isoechoic mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

**SEX**

Spayed Female

**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.

**AGE**

14 Years

**ULTRASONOGRAPHIC FINDINGS**

**WEIGHT**

5.6 Pounds

- Hypoechoic, prominent pancreas – The pancreatic changes are most consistent with mild pancreatitis or a recent episode of pancreatic inflammation.
- Subjectively hypoechoic spleen – This could be consistent with infiltrative disease (round cell neoplasia, etc., or could be a normal anatomic variant. Consider a fine needle aspirate.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The changes observed on today's scan are relatively mild. The pancreas is hypoechoic and prominent. This could be consistent with a current episode of mild pancreatic inflammation or previous episodes of pancreatic inflammation.

Additionally, the spleen appears subjectively hypoechoic. This is a non-specific finding and could be normal for this individual, as the spleen does not appear enlarged, but if round cell neoplasia is on your differential list, then consider a fine needle aspirate. There were no focal lesions visualized in the liver or spleen.

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(Small Animal Internal  
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**HOSPITAL NAME**

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**REFERRING VET**

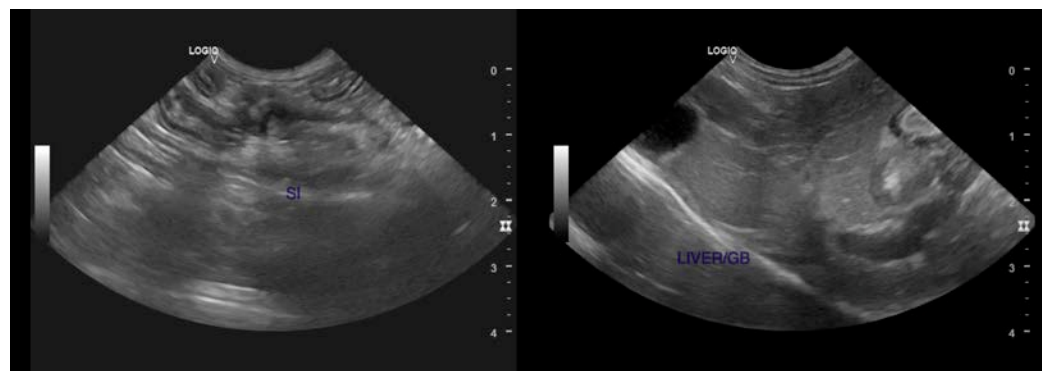
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**SPECIES**

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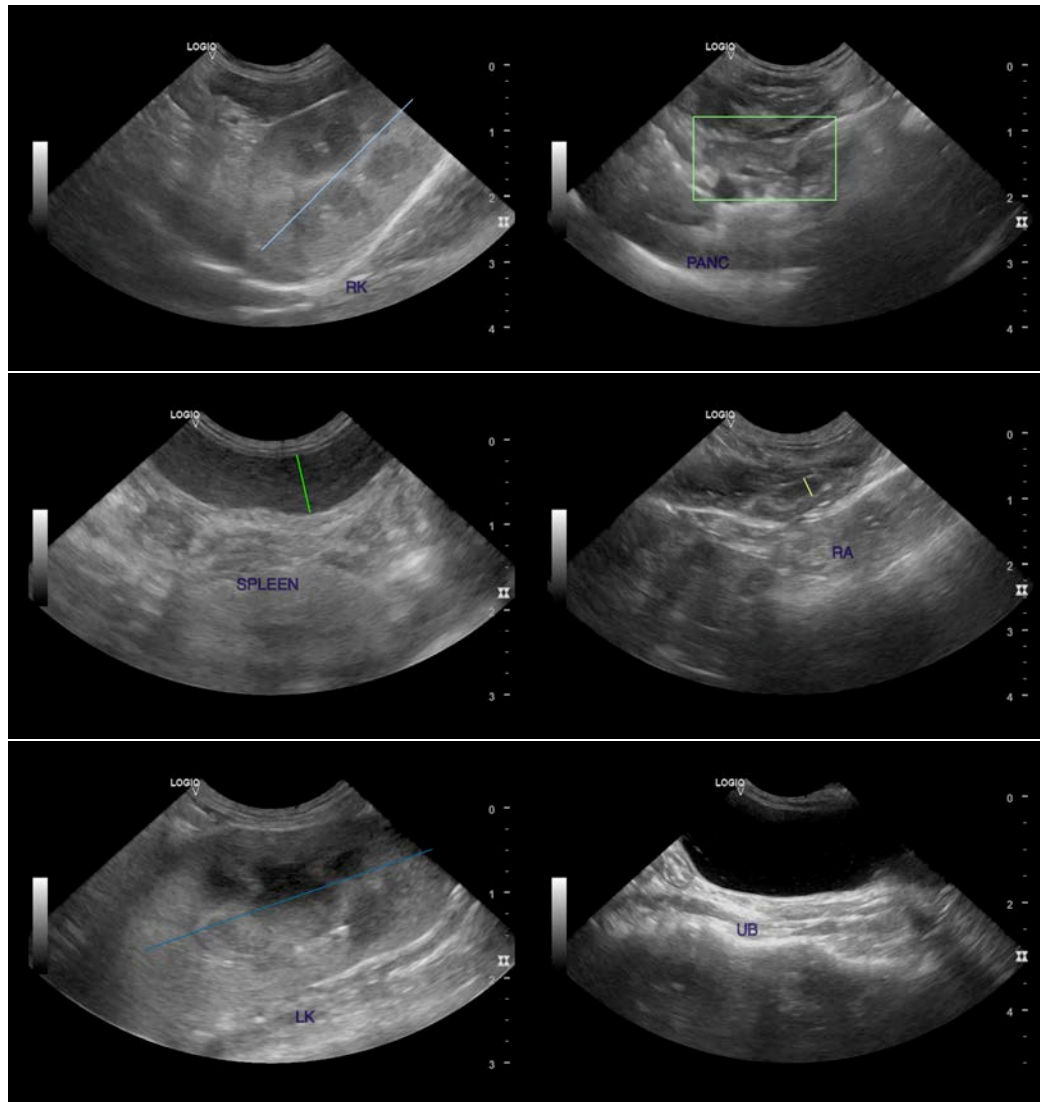
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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