



PATIENT PRESENTING CLINICAL SIGNS

Gigi McClimon

Mild increased ALT noted on wellness labwork 1 month ago (ALT 168, creat 1.3, usg 1.049). REchecked last week - ALT 195, creat 1.9. Clinically stable, weight stable. In further questioning after ultrasound owner reports long standing (life long) periods of anorexia up to 36 hours and intermittent vomit 2x per week. stools reported normal.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Shih Tzu

The urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

SEX

Spayed Female

The right kidney is normal in size (3.69 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

AGE

7.5 Years

The left kidney is normal in size (3.2 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

WEIGHT

13.9 Pounds

Adrenal Glands

INTERPRETED BY

The right adrenal gland is normal in size (0.35 cm at the cranial pole and 0.37 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

Beth Johnson, DVM
DACVIM

The left adrenal gland is normal in size (0.38 cm at the cranial pole and 0.48 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

IMAGING PERFORMED BY

Dr. Arms

Spleen

HOSPITAL NAME

Gilbertsville VH

The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

Liver

REFERRING VET

Dr. Arms

The liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

INVOICE

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The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

DATE

8/9/23

Gastrointestinal

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.



PATIENT	The visible small intestines are normal in wall thickness and layering. Hyperechoic mucosal fogging or speckling is noted. Small intestinal motility appears adequate (1-3 contractions per min). The lumen is empty with no evidence of obstruction or foreign material.
Gigi McClimon	
SPECIES	The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.
Canine	
BREED	Pancreas
Shih Tzu	The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.
SEX	Free Abdomen
Spayed Female	There is no evidence of free peritoneal effusion noted in these images.
AGE	There is no apparent lymphadenopathy noted in these images.
7.5 Years	
WEIGHT	ULTRASONOGRAPHIC FINDINGS
13.9 Pounds	<ul style="list-style-type: none"> Mucosal speckling – Mucosal speckling is often present with inflammatory bowel disease (IBD). It is not specific for type or severity of disease. Mild speckling change can occur as a normal patient variant in the post-prandial state.
INTERPRETED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Beth Johnson, DVM DACVIM	A gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory is recommended for further evaluation of GI and pancreatic function.
IMAGING PERFORMED BY	A baseline cortisol is recommended. If baseline cortisol is less than 2, a full ACTH stimulation test is recommended to rule out hypoadrenocorticism.
Dr. Arms	Ultimately, pending results and if clinical signs persist or progress and a diagnosis is not reached, further evaluation of the GI tract via upper GI gastroscopy/endoscopy for further visualization and biopsies may be warranted.
HOSPITAL NAME	In the meantime, empirical deworming with a 5-day course of Panacur is recommended, and if tolerated a transition in diet could be considered, beginning with a hydrolyzed protein diet. Some patients respond better to one brand or version of hydrolyzed protein diet over others, so several trials are sometimes needed. If a hydrolyzed protein diet is not helpful, potentially a low-fat or bland easy to digest diet could be considered.
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SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed Female

AGE

7.5 Years

WEIGHT

13.9 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Dr. Arms

HOSPITAL NAME

Gilbertsville VH

REFERRING VET

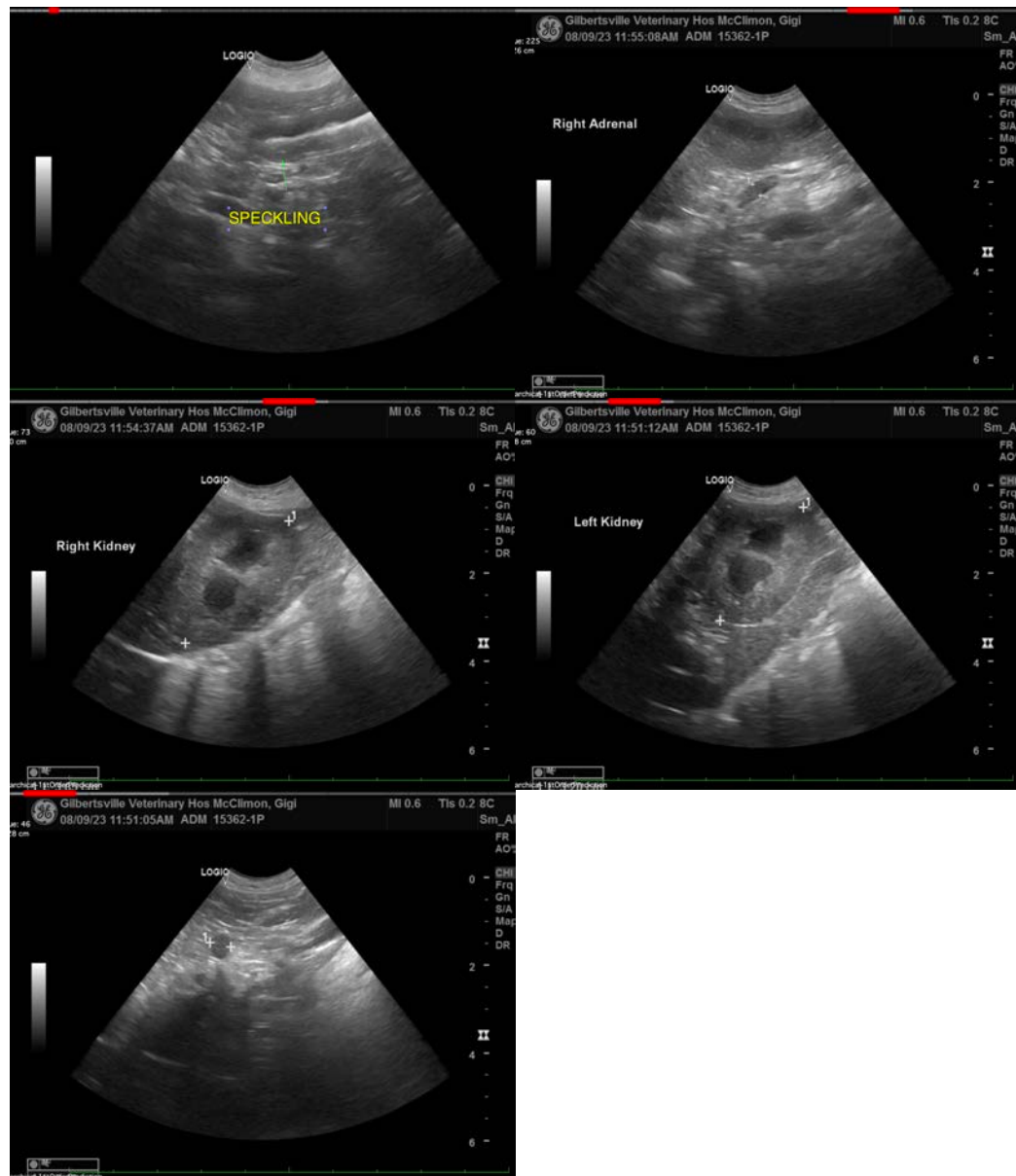
Dr. Arms

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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.

Beth Johnson, DVM, DACVIM
info@sonopath.com