



PATIENT

Tanisha Mann

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

17 years

WEIGHT

8.7 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Jack Reese

HOSPITAL NAME

Willow Run VC

REFERRING VET

Dr. Davies

INVOICE

91864

DATE

9/15/21

PRESENTING CLINICAL SIGNS

History: Presented for exam - vomiting and weight loss noted at home. Hospitalized for IV fluids, supportive care - responded for a period of time, but owner reports that appetite quickly decreased again once patient returned home.
Elevated ALT, GGT in August 2021 No other significant abnormalities on labwork

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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.

The left kidney has a normal shape and size (2.58 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney has a normal shape and size (3.12 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal in size measuring 0.45 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.

The right adrenal gland is normal in size measuring 0.56 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.

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.

Liver

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is 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. The gallbladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.



PATIENT

Gastrointestinal

Tanisha Mann

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.

SPECIES

Feline

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. The duodenum measured as normal and the jejunum measured as normal (0.27 cm). Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

BREED

Domestic Shorthair

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Liquid fecal material was noted and shadowed distally. There is no observed focal or generalized colon wall thickening or loss of layering.

SEX

Spayed Female

Pancreas

AGE

17 years

The region of 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.

WEIGHT

8.7 lbs

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.

INTERPRETED BY

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

ULTRASONOGRAPHIC FINDINGS

PRIMARY FINDINGS:

Heterogenous liver. Hepatic changes are non-specific and could be consistent with inflammation/infection (cholangiohepatitis), infiltrative neoplasia, lipidosis or other hepatopathy.

IMAGING PERFORMED BY

Jack Reese

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Willow Run VC

The ultrasonographic findings are relatively mild and non-specific particularly for an older cat. Unfortunately, the ultrasound findings do not always correlate with symptoms or degree of abnormalities. Consider a liver function test and FNA of the liver as no biliary abnormalities were observed. If initial work-up rules out metabolic disease (including hyperthyroidism) also consider primary GI disease as a possible cause for the vomiting. Consider such differentials as GI parasitism, pancreatitis, dysbiosis, dietary indiscretion, IBD or less likely intestinal neoplasia. Consider a GI panel to further evaluate for pancreatitis and/or B12 deficiency and folate abnormalities. I recommend three view thoracic radiographs.

REFERRING VET

Dr. Davies

INVOICE

91864

DATE

9/15/21



PATIENT

Tanisha Mann

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

17 years

WEIGHT

8.7 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Jack Reese

HOSPITAL NAME

Willow Run VC

REFERRING VET

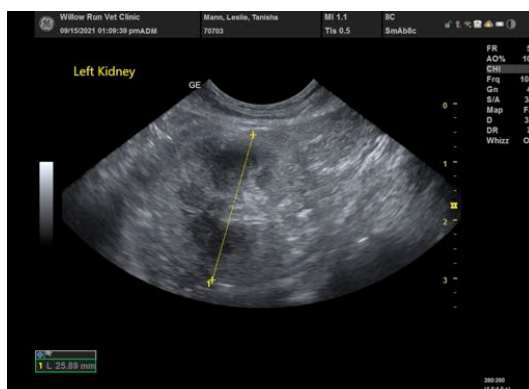
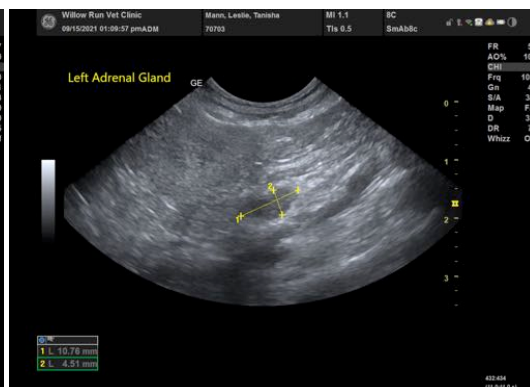
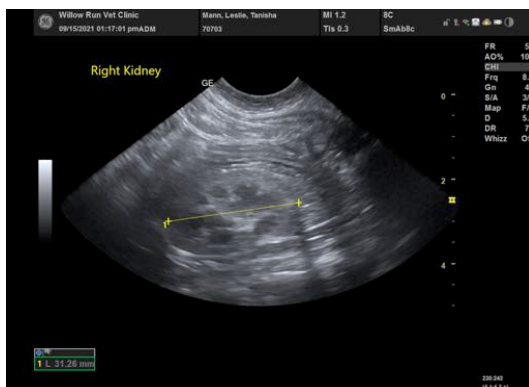
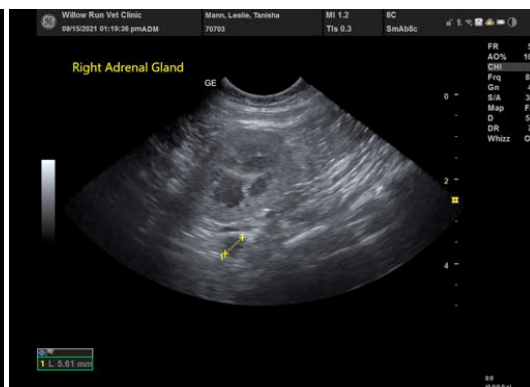
Dr. Davies

INVOICE

91864

DATE

9/15/21



The information and recommendations provided are based on the images presented by the referring



PATIENT

Tanisha Mann

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.

SPECIES

Feline

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)
kathleen.sennello@sonopath.com

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

17 years

WEIGHT

8.7 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Jack Reese

HOSPITAL NAME

Willow Run VC

REFERRING VET

Dr. Davies

INVOICE

91864

DATE

9/15/21