



PATIENT PRESENTING CLINICAL SIGNS

Fudgie Thomases
pancreatitis

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline
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.

BREED

DSH

The left kidney has a normal shape and size (4.41 cm) with mild pyelectasia at 0.40 cm. Overall echogenicity is slightly hyperechoic with poor corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of nephroliths, infarcts or hydroureter. Renal vasculature is normal.

SEX

Neutered Male

The right kidney has a normal shape and size (4.38 cm) with mild pyelectasia at 0.40 cm. Overall echogenicity is slightly hyperechoic with poor corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

15 Years

Adrenal Glands

WEIGHT

17 Pounds

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.

The right adrenal gland is normal in size. 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.

INTERPRETED BY

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

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.

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Jenn

Liver

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

HOSPITAL NAME

Rockaway AH

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.

REFERRING VET

Dr. Maniar

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.

INVOICE

38988

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 (between 0.13-0.38cm in wall thickness) and the jejunum measured as normal (between 0.15-0.36cm.)

DATE

6/23/22



PATIENT

Fudgie Thomases

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

DSH

The area 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.

Free Abdomen

SEX

Neutered Male

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.

ULTRASONOGRAPHIC FINDINGS

AGE

15 Years

- Decreased corticomedullary distinction in both kidneys with bilateral pyelectasia – The bilateral renal findings are consistent with age-related change. Pyelectasia of the left/right kidney could be consistent with pyelonephritis, chronic renal disease, secondary to PU/PD or fluid therapy (if applicable), other.

WEIGHT

17 Pounds

- Hyperechoic liver – Hepatic changes are non-specific and could be consistent with hepatic lipidosis, inflammatory/infectious disease, infiltrative neoplasia, or other hepatopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Kathleen Sennello DVM,
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Medicine)

The changes associated with the kidneys are most consistent with age related change, but there is some renal pelvic dilation noted. Recommend a urinalysis and culture to evaluate for possible pyelonephritis. Also consider a blood pressure evaluation.

In some views, the liver appears somewhat hyperechoic. Correlate with the history and bloodwork findings. This is a large cat, so this could represent fatty infiltration due to obesity, lipidosis, other.

IMAGING PERFORMED BY

Jenn

No significant pancreatic inflammation was observed, but the severity of the ultrasonographic lesions does not always correlate to the clinical severity of disease visualized. If pancreatitis is suspected, consider a GI panel to Texas A&M for a qualitative fPLI, TLI, cobalamin and folate to obtain more information regarding the pancreas and small intestine.

HOSPITAL NAME

Rockaway AH

Correlate these findings with abdominal radiographs, as not all foreign material can be clearly visualized with ultrasound alone.

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AGE

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**IMAGING
PERFORMED BY**

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

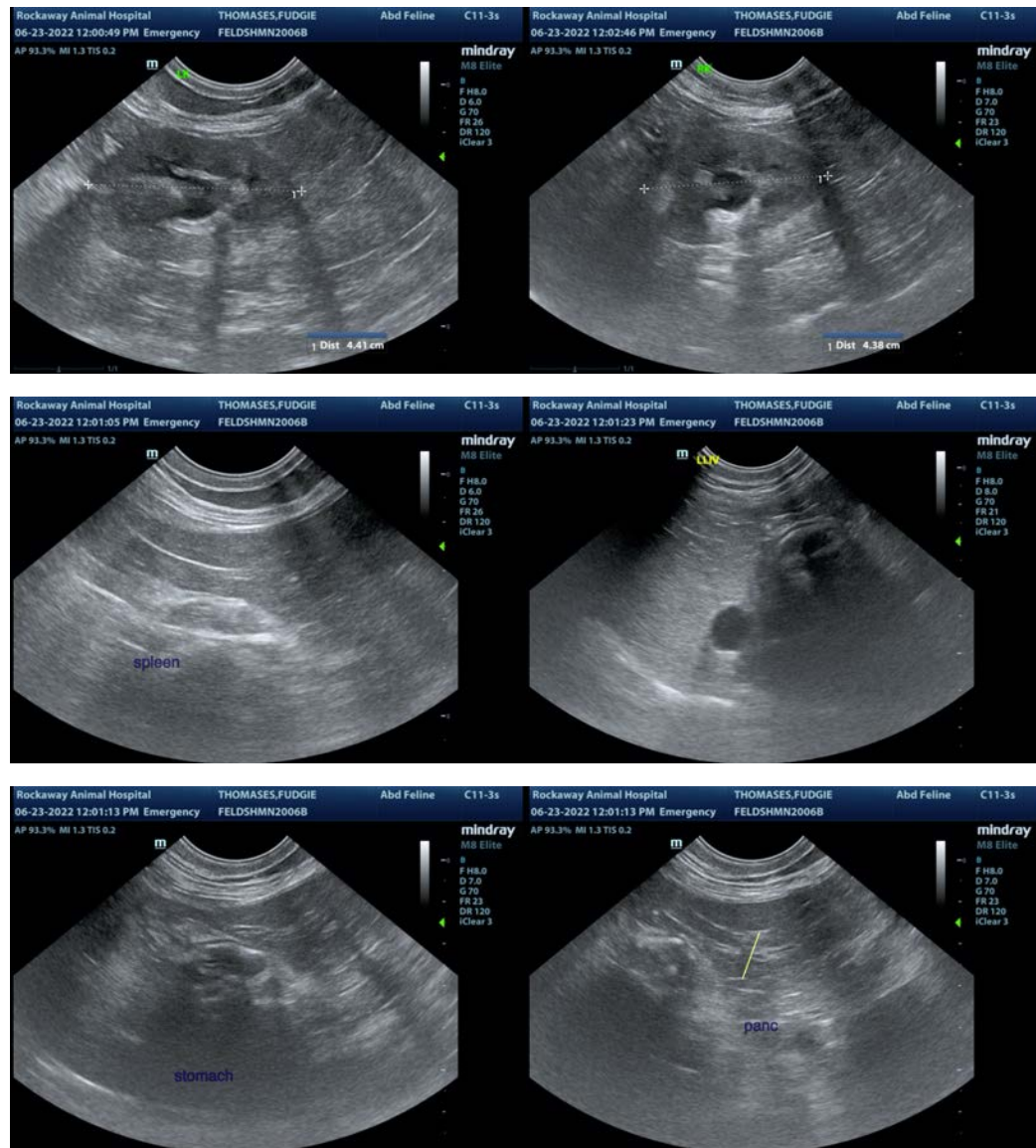
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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