



PATIENT

Squid Klein

PRESENTING CLINICAL SIGNS

Patient ADR, owner thinks she may have a foreign body obstruction. Radiographs on 12/29/21 - soft tissue opacity in fundus. R/O normal ingesta vs. FB.

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

DSH

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 (3.88 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

1 Year

The left kidney is normal in size (3.55 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.

Adrenal Glands

WEIGHT

11.5 Pounds

The region of the right adrenal gland was evaluated without evident pathology.

The left adrenal gland is normal in size (0.42 cm at the cranial pole and 0.46 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Spleen

Spleen is subjectively enlarged in size with rounded margins but intact capsule. Parenchyma is homogeneously coarse/mottled in echotexture and normal to hypoechoic in echogenicity. No focal nodules or masses are observed. Splenic vasculature appears normal.

IMAGING PERFORMED BY

Kelly Vazquez

Liver

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.

HOSPITAL NAME

Animal General
on the Hudson

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.

REFERRING VET

Dr. Stephanie Santos-Ortiz (Edgewater AH)

Gastrointestinal

Gastric fundic mucosal hypertrophy with hyperechoic mucosa and some mucosal remodeling is noted. There is no loss of mural detail. Layering is normal. There is mild luminal fluid accumulation/mild gastric stasis. No evidence of masses/nodules or foreign material present.

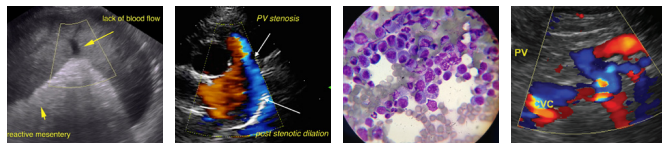
INVOICE

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The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease. (See other)

DATE

1/26/22



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The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

Pancreas

SPECIES

Feline

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.

BREED

DSH

Free Abdomen

There is no evidence of peritoneal effusion. There is no apparent lymphadenopathy.

SEX

Spayed Female

Other

In the mid abdomen, there is a thin, echogenic, linear foci within what appears to be the lumen of bowel. However, it is believed to be superimposition of the pancreatic duct. There is no plication or any other evidence to support that it is a foreign body.

AGE

1 Year

ULTRASONOGRAPHIC FINDINGS

- Coarse splenomegaly – can be associated with congestion caused by sedation (if sedated) but can also be associated with diffuse infiltrative disease. Both benign conditions such as extramedullary hematopoiesis, lymphoid hyperplasia, amyloidosis as well as infiltrative neoplastic diseases such as round cell neoplasia should be considered.
- Gastritis – Microulceration cannot be ruled out.
- Hyperechoic linear structure described above – Appears most consistent with superimposition of normal tissue versus a linear foreign body, as there is no plication or corrugation, or obstructive pattern to support a foreign body.

WEIGHT

11.5 Pounds

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DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommendations include checking under the patient's tongue to definitively rule out that there is something stuck there, followed by medical management of acute gastritis/gastroenteritis with antiemetics if necessary, appetite stimulants if necessary, gastroprotectants, and empirical deworming with a 5-day course of Panacur. Short term transition to a bland diet may also be helpful. If clinical signs persist, recheck ultrasound and/or abdominal radiographs are warranted. If the patient was not sedated, a fine needle aspirate of the spleen can be considered if patient's coagulation status is appropriate. However, the changes are most consistent with sedation if the patient was sedated.

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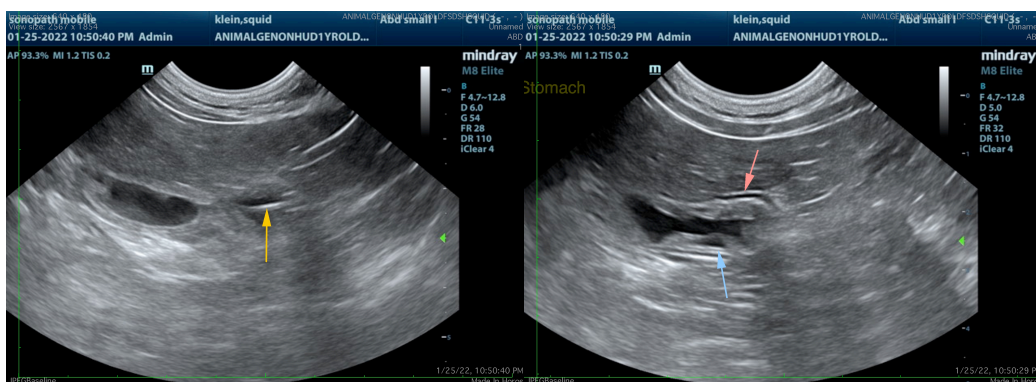
Dr. Stephanie Santos-Ortiz (Edgewater AH)

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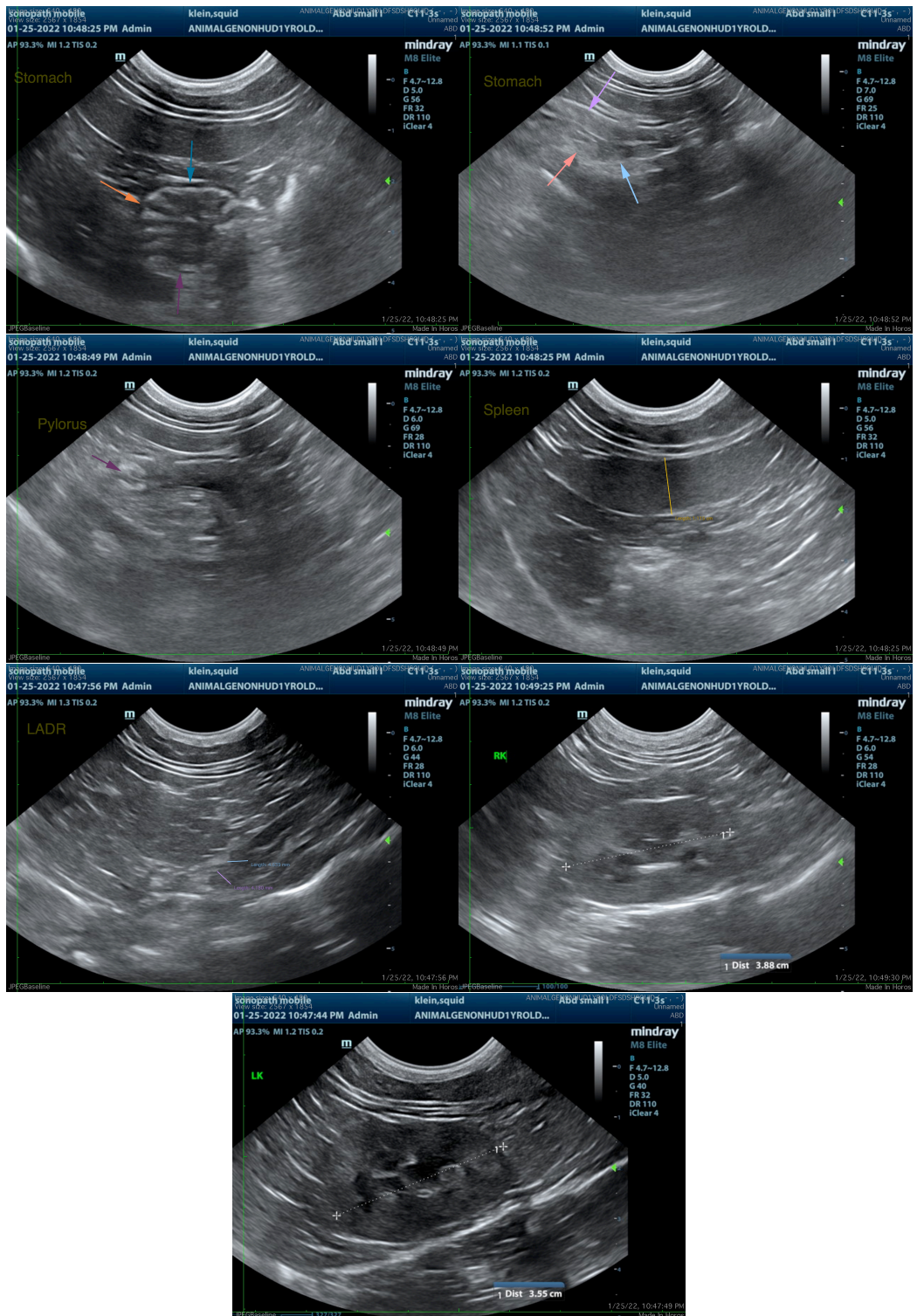
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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

Beth.Johnson@sonopath.com

BREED

DSH

SEX

Spayed Female

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