



PATIENT PRESENTING CLINICAL SIGNS

Paka Ellison History: Weight loss, Lethargic, no eating,

SPECIES Abnormal PE/Chem/CBC/UA Results: Possible mass cranial abdomen, Otherwise NSF BCS 3/9 BW:
Feline CHEM: Alk Phosphatase: 6 (L) 6-102 Creatinine: 0.5 (L) 0.6-2.4 Glucose: 10 (L) 64-170 CBC: WBC:
21.5 (H) 3.5-16.0 HCT: 27 (L) 28-48 Platelet Count: 545 (H) 200-500 Neutrophils: 19995 (H) 2500-
8500 T4: WNL.

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

DSH Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Spayed female

AGE

12 years

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.7 cm in length. The right kidney measured 4.7 cm in length.

WEIGHT

6.5 pounds

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The left and right adrenal glands were not definitively visualized.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. A solitary nondisruptive hyperechoic nodule in the cranial spleen measuring 0.23 cm in diameter was noted. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted. The spleen measured 0.78 cm in width at the level of the hilus.

IMAGING PERFORMED BY
Jose

Liver

The liver exhibited mild enlargement. The liver parenchyma was uniform normal echogenicity. A mildly expansive hypoechoic nodule was present in the right lateral to caudate liver measuring approximately 1.6 cm x 0.8cm. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content and mild debris. The cystic and common bile ducts were normal.

HOSPITAL NAME

Animal Clinic of Queens

REFERRING VET

Dr. Mucera

Gastrointestinal

The area of the gastric fundus and body presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. The gastric fundus wall measured 0.22 cm in width.

INVOICE

10389ag

A large to expansive upper GI mural mass in the area of the pylorus and upper duodenum measuring approximately 7 cm in diameter with wall width measuring up to 2 cm was present. The visualized small intestine within the mid to caudal abdomen was sonographically normal. Regional reactive to hyperechoic mesentery was present around the mass with mild volume peritoneal free fluid.

DATE

04/15/2022



PATIENT Normal visible colon wall layers were present with apparent formed feces in lumen.

Paka Ellison **Pancreas**

SPECIES The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

Feline

Free Abdomen

BREED Peritoneal free fluid was present around the GI mass and liver as well as in the caudal abdomen around the urinary bladder.

DSH

SEX

Enlarged, hypoechoic cranial mesenteric root lymph nodes were present. The lymph nodes exhibited symmetrical to rounded margination with abnormal width: length ratio (>0.5). The enlarged lymph nodes were bordered by echogenic to reactive mesentery. The mesenteric root lymph nodes measured 1.9 cm length and 1.2 cm width.

Spayed female

AGE

ULTRASONOGRAPHIC FINDINGS

12 years

- Large upper GI mural mass with high suspicion for regional right lateral to caudate liver invasion.
- Associated regional peritonitis and peritoneal free fluid.
- Intermittent hypoechoic to swollen cranial mesenteric lymphadenopathy.
- Mild gallbladder debris.
- Mild chronic renal changes.
- Small likely benign splenic nodule-suggestive of myelolipoma.

WEIGHT

6.5 pounds

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Although sampling is required for further clarification the primary upper GI mural mass is consistent with neoplastic criteria such as lymphoma or other with inflammatory or granulomatous etiologies less likely. Multicentric neoplasia involving the upper GI tract, right to caudate liver as well as neoplastic lymphadenopathy is likely. This case does not appear to be surgical. Pending cytology, an oncology consult could be considered. An unfavorable prognosis is indicated.

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SPECIES

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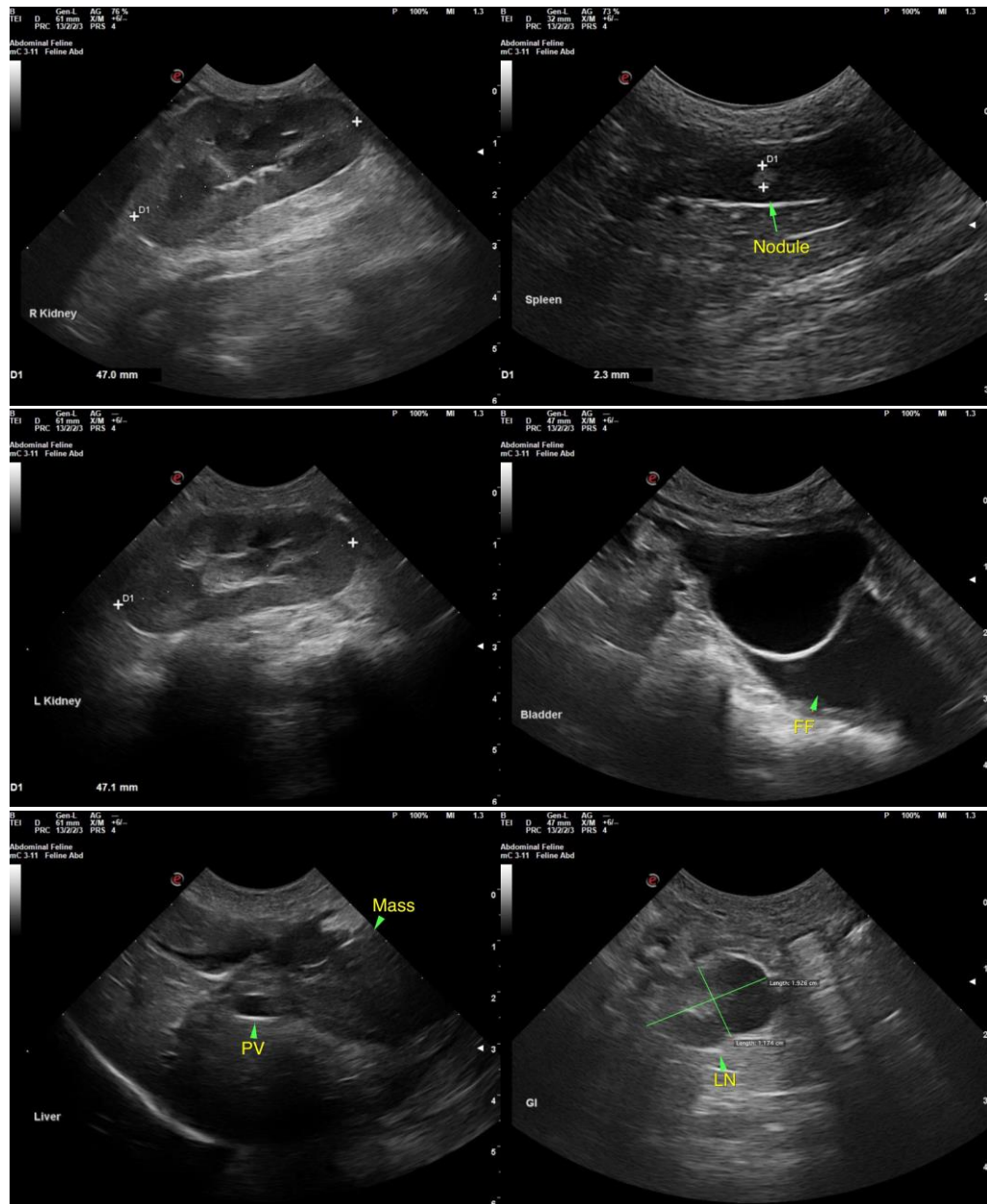
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PATIENT

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SPECIES

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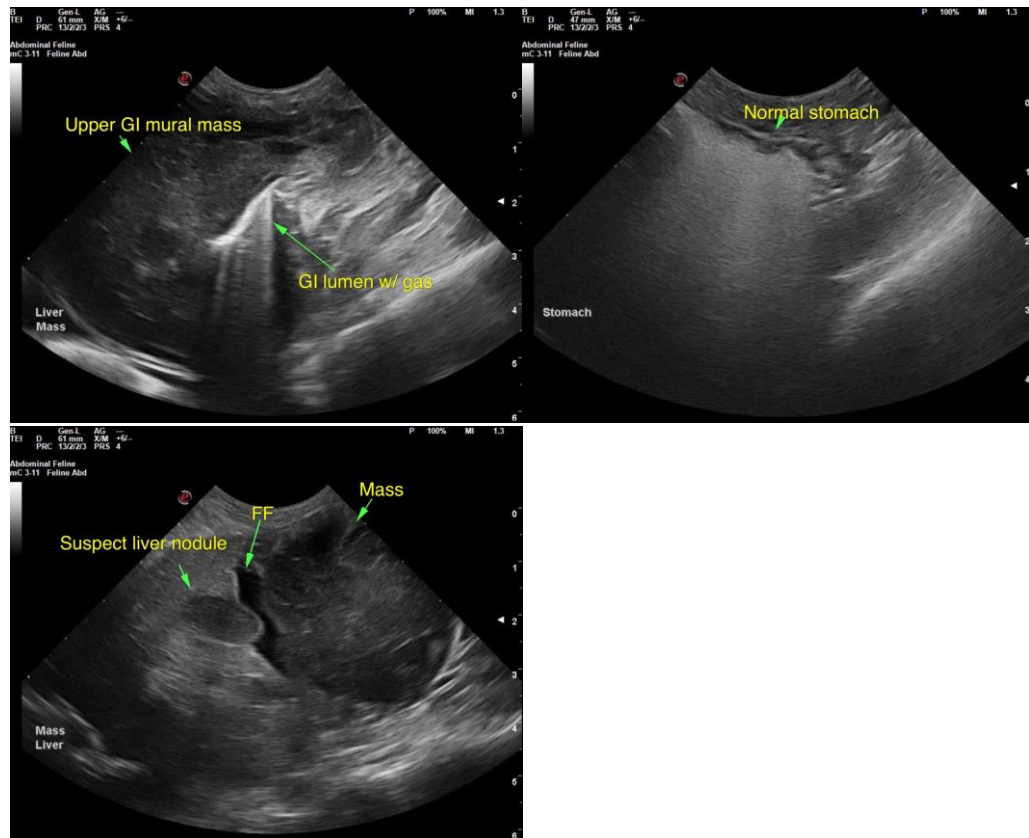
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com