



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Jacques Basso

SPECIES Feline

PRESENTING CLINICAL SIGNS QAR, mm pale pink, CRT>2 Sec. Mild hydrated. Mucous membranes mild dry. Lethargic, sleeping around Vomiting multi times yesterday and this morning, clear/yellow in colour - bile Persistent vomiting yesterday & Slightly tense upon palpation and manipulation but appeared comfortable meds: Cerenia 1 mg/kg SC inj (#0.75 ml) Cerenia 16 mg - 1mg/kg PO SID PRN (# 3 tab) Sucralfate 0.5 ml/kg PO BID on empty stomach (# 24 ml)

BW- Mild increase ALT. Mild decrease ALKP, Cl, Eos. fPL abnormal

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Domestic Shorthair

Urinary System

Urinary bladder is moderately distended with anechoic contents. It has normal uniform wall thickness (< 0.2 cm). No masses or cystoliths are observed.

SEX

Neutered male

AGE

14 years

Left kidney is normal in size (4.36 cm) and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased echogenicity and mild loss of corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

WEIGHT

7.48 kg

Right kidney is normal in size (4.41 cm) and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased echogenicity and mild loss of corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Adrenal Glands

Left adrenal gland is normal in size (0.29 cm thick), shape and contour. Corticomedullary structure is unremarkable.

IMAGING PERFORMED BY

Kelly Reshny, RVT

Right adrenal gland is normal in size (0.49 cm thick), shape and contour. Corticomedullary structure is unremarkable.

HOSPITAL NAME

Beattie Pet Hospital at
Burlington

Spleen

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

REFERRING VET

Dr. Al-Sultan

Liver

INVOICE

95974

Liver is subjectively enlarged in size. Margins are smooth, but round. It has normal homogenous echotexture. The parenchyma is diffusely hypoechoic characterized by more prominent than normal portal vein walls. There is a 0.9 cm hypoechoic nodule in the cranial left liver. Visible vasculature appears normal. Gallbladder is mildly distended with anechoic contents. The wall is smooth without visible thickening. There is no evidence of common bile duct dilation.

DATE

2/10/22



PATIENT

Gastrointestinal

Jacques Basso

The visible gastric wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm). The stomach is empty.

SPECIES

Feline

The small intestines are normal in wall thickness. Normal layering is maintained except for a diffusely disproportionately thick muscularis layer, most appreciable at the ileocecal junction, relative to mucosa. Small intestinal motility appears adequate (1-3 contractions per min). There are no luminal contents noted within small intestines.

BREED

Domestic Shorthair

Colon is normal in wall thickness (< 0.2 cm) and layering.

SEX

Neutered male

Pancreas

Pancreas has normal homogenous echotexture and is normal in echogenicity and smooth margination. There is no evidence of peripancreatic inflammation.

AGE

14 years

Free Abdomen

Lymph nodes are normal with no observed enlargement.

WEIGHT

7.48 kg

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

Beth Johnson, DVM
DACVIM

- 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 (leave amyloidosis out if canine) as well as infiltrative neoplastic diseases such as round cell neoplasia should be considered

IMAGING PERFORMED BY

Kelly Reshny, RVT

- Hypoechoic hepatomegaly. Differentials for which include infiltrative neoplasia such as round cell neoplasia versus acute hepatitis or cholangiohepatitis which can result in these changes. The hypoechoic nodule could represent a benign nodular hyperplasia; however, given the concurrent changes infiltrative round cell neoplasia is higher on the differential list.

HOSPITAL NAME

Beattie Pet Hospital at
Burlington

- Feline thick muscularis – This finding has been reported in cats with infiltrative bowel disease including both benign inflammatory disease as well as infiltrative neoplasia such as lymphoma.

REFERRING VET

Dr. Al-Sultan

- Age related kidney change – This finding is expected/consistent with age-related mild degenerative disease and should be interpreted clinically in combination with laboratory changes.

INVOICE

95974

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

2/10/22

Recommendations for this patient include a FNA of the liver and spleen +/- the bowel at the ileocecal junction if able to and if the patient's coagulation status is appropriate to look for evidence of lymphoma. In the meantime, gastrointestinal malabsorption panel including TLI, PLI, folate and cobalamin could be submitted to Texas A&M GI laboratory further assessment of bowel function given the evidence of infiltrative disease. Empirical therapy could include a diet change to a novel and/or hydrolyzed protein diet as well as empirical cobalamin as well as empirical steroid therapy, only if further diagnostics such as cytology and/or biopsies are not possible. If further diagnostics are pursued



PATIENT

Jacques Basso

and cytologies are not diagnostic for lymphoma biopsies of the gastrointestinal tract being sure to include the ileum are recommended.

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

14 years

WEIGHT

7.48 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Kelly Reshny, RVT

HOSPITAL NAME

Beattie Pet Hospital at
Burlington

REFERRING VET

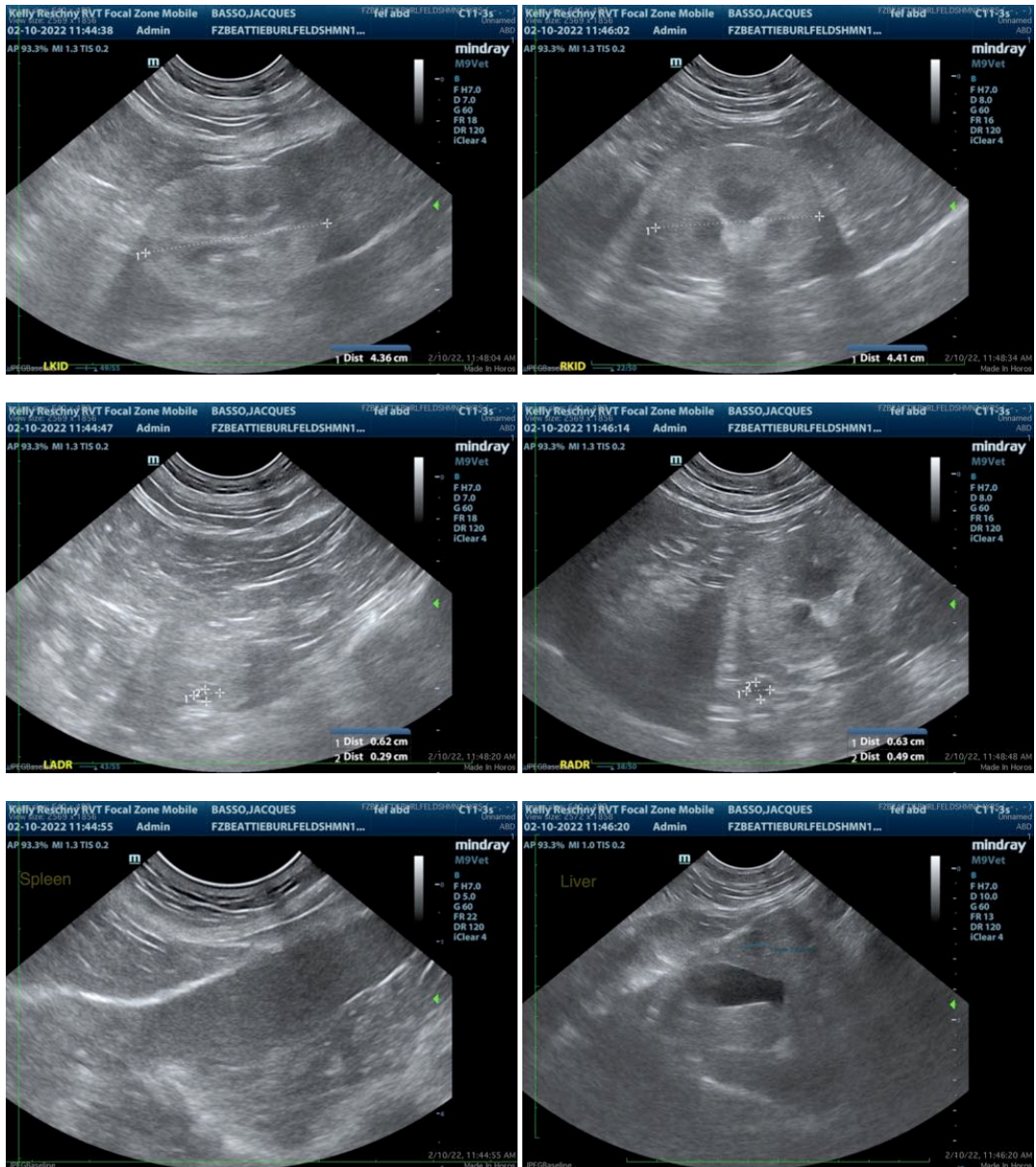
Dr. Al-Sultan

INVOICE

95974

DATE

2/10/22





PATIENT

Jacques Basso

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

14 years

WEIGHT

7.48 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM

**IMAGING
PERFORMED BY**

Kelly Reshny, RVT

HOSPITAL NAME

Beattie Pet Hospital at
Burlington

REFERRING VET

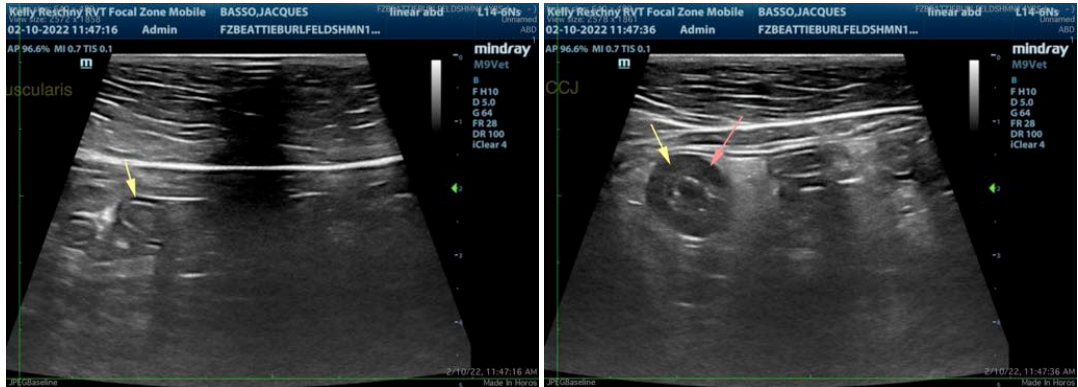
Dr. Al-Sultan

INVOICE

95974

DATE

2/10/22



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

Beth.Johnson@SonoPath.com