



PATIENT

Eddie Jensen

SPECIES

Feline

BREED

DSH

SEX

M/N

AGE

17 y

WEIGHT

6.2 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Stavros Iacovides

HOSPITAL NAME

Tuxedo AH

REFERRING VET

Dr. Pat Dorval

INVOICE

16470

DATE

3/28/23

PRESENTING CLINICAL SIGNS

This diabetic cat has been losing significant weight (3.5lbs in past 5 months) and DM regulation has been up and down. Appetite normal. No vomiting or diarrhea. Bloodwork revealed a non-reg anemia. Submitting abdom u/s as part of workup for weight loss.)

Abnormal PE/Chem/CBC/UA Results: CBC HCT 20% (30.3-52.3) Retic 0.2% Lymph 0.38 (0.92-6.88) Eos 0.13 (0.17-1.57) Plt 685 K/ml (151-600) CHEM/T4- wnl Abdom rad negative

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm 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 was noted.

The area of the aortic trifurcation was free of pathology.

Normal size and margination were 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 4.5 cm in length. The right kidney measured 4.3 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.48 cm width.

The right adrenal gland was normal in size and contour. Pinpoint areas of mineralization were present without capsular distortion or overt tumors. This is an age-related finding and not pathological. The right adrenal gland measured 0.40 width.

Spleen

The spleen was borderline enlarged with areas of discrete capsule asymmetry and mild parenchyma heterogeneity. A solitary, non-disruptive, well-demarcated, hyperechoic, mid-splenic nodule measuring 0.65 cm was present. The spleen measured 1.0 cm width at the level of the hilus.

Liver/ Gallbladder

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. A solitary, ventral intraparenchymal, non-disruptive, well-demarcated, hyperechoic nodule was present measuring 0.60 cm in diameter. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.



PATIENT

Eddie Jensen

SPECIES

Feline

BREED

DSH

SEX

M/N

AGE

17 y

WEIGHT

6.2 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Stavros Iacovides

HOSPITAL NAME

Tuxedo AH

REFERRING VET

Dr. Pat Dorval

INVOICE

16470

DATE

3/28/23

Gastrointestinal

The stomach 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 pylorus wall width measured 0.25 cm.

The small intestine exhibited segmental intact yet prominent wall layering owing to segmental propensity for variable prominent muscularis layer primarily involving the jejunum. Within the midabdominal intestinal tract, consistent with jejunal location, a segmental intestinal mural mass exhibiting decreased mural echogenicity, loss of discernable wall layering, and mural hypertrophy with mild associated metabolic to paralytic segmental intestinal ileus. The mass measured approximately 3.0-3.5 cm in diameter with wall width up to 1.4 cm.

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

Pancreas

The pancreas was normal in size with mild nonhomogeneous hypoechoic pancreatic parenchyma and pancreatic duct dilation.

Free Abdomen

Subtle peri intestinal hyperechoic mesentery was noted primarily around the intestinal mural mass. Intermittent to multiple, variably sized, mildly irregular to hypoechoic, mesenteric lymph nodes were present exhibiting borderline abnormal width: length ratio (≥ 0.5). An example measured 1.5 cm x 0.89 cm. No evidence of peritoneal effusion was noted.

ULTRASONOGRAPHIC FINDINGS

- Bilateral chronic renal changes
- Segmental possible generalized enteropathy with jejunal mural mass
- Associated hypoechoic to irregular mesenteric lymph nodes
- Suspect concurrent mild chronic to chronic active pancreatitis
- Hepatomegaly with nondisruptive hyperechoic nodule
- Borderline splenomegaly exhibiting minor parenchyma heterogeneity with concurrent hyperechoic nodule

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although pending sampling is required for further clarification, primary consideration for neoplastic criteria for the jejunal mural mass with potential for concurrent segmental adjacent to regional intestinal involvement is warranted. Potential for non-neoplastic etiologies such as inflammatory disease or granulomatous disease (Dry FIP) are possible yet thought less likely. High suspicion for regional lymphatic neoplastic / metastatic criteria. Potential for concurrent hepatosplenic involvement cannot be excluded.

Pending intestinal mass cytology, screening hepatosplenic FNA cytology is warranted with the potential for an oncology consult. Primary concern for multicentric round cell neoplasia i.e., lymphoma is warranted.



PATIENT

Eddie Jensen

SPECIES

Feline

BREED

DSH

SEX

M/N

AGE

17 y

WEIGHT

6.2 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Stavros Iacovides

HOSPITAL NAME

Tuxedo AH

REFERRING VET

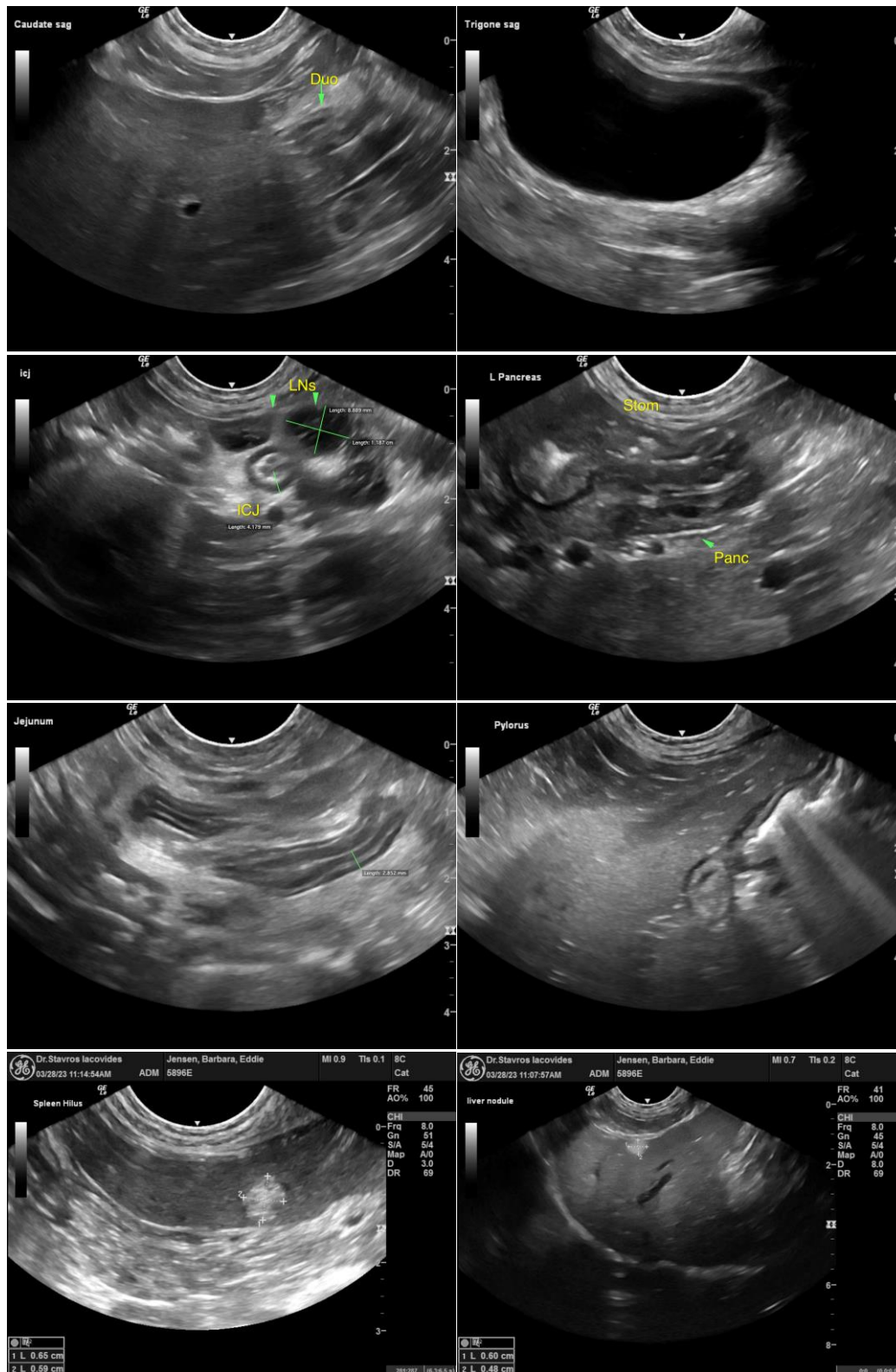
Dr. Pat Dorval

INVOICE

16470

DATE

3/28/23





PATIENT

Eddie Jensen

SPECIES

Feline

BREED

DSH

SEX

M/N

AGE

17 y

WEIGHT

6.2 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Stavros Iacovides

HOSPITAL NAME

Tuxedo AH

REFERRING VET

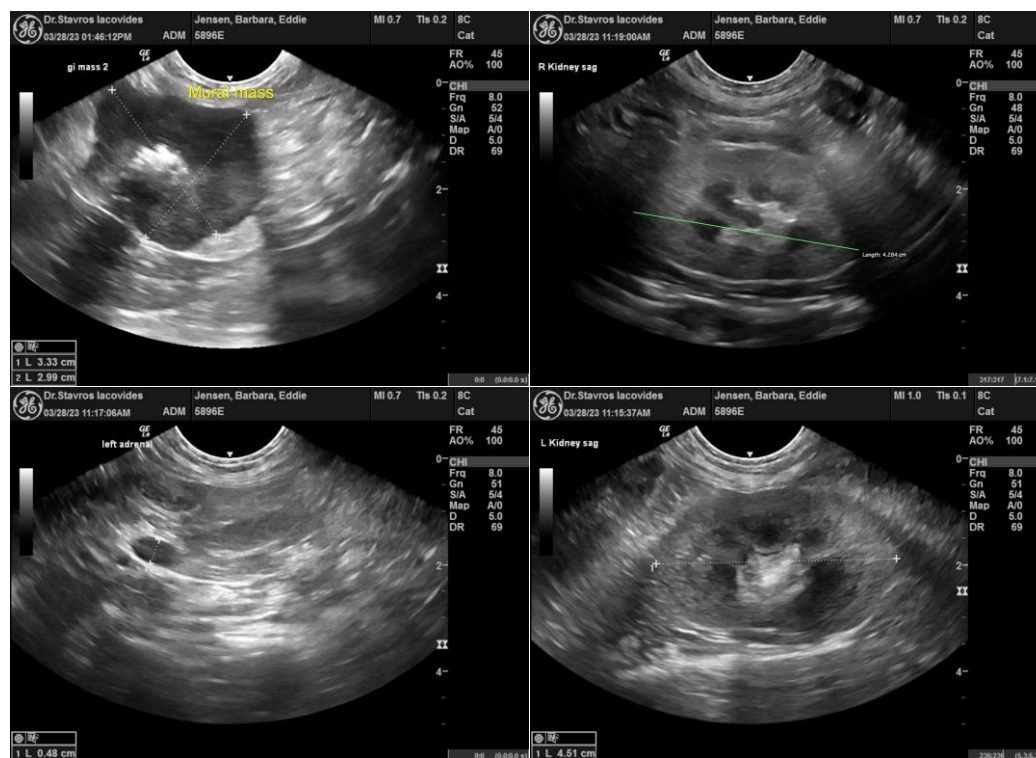
Dr. Pat Dorval

INVOICE

16470

DATE

3/28/23



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