

PATIENT PRESENTING CLINICAL SIGNS

Louie Gilbert inappetence, vomiting right renomegaly vs mass palpated on exam, confirmed with x-rays
Abnormal PE/Chem/CBC/UA Results: See attached

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline *Urinary System*

BREED 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 were noted.

SEX The area of the residual prostate appeared normal and free of pathology.

MN No evidence of pathology in the area of the aortic trifurcation.

AGE Normal size and margination was present in the left kidney. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.3 cm in length.

WEIGHT A mass involving the right kidney with associated capsule distortion owing to mass expansion was present and appeared to occupy primarily the mid to cranial lateral aspect of the right kidney with expansion into the retroperitoneal space. Associated retroperitonitis exhibited by increased retroperitoneal echogenicity and mild free fluid was present. The mass measured approximately 5.0 cm x 4.0 cm. The discernible right kidney, exhibiting mild loss of corticomedullary border demarcation, measured approximately 4.3 cm in length.

INTERPRETED BY

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

Adrenal Glands

IMAGING PERFORMED BY

Heidi Putnam

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.30 cm width. The right adrenal gland was subjectively normal in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.50 cm width.

Spleen

HOSPITAL NAME

Linn Veterinary
Hospital

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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.

REFERRING VET

Dr. Stern

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion.

INVOICE

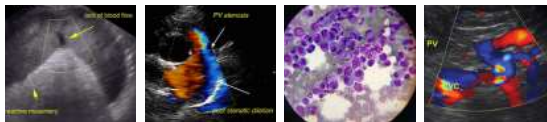
47237

The gallbladder was non distended in size with mild echogenic, nonmineralized gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.

DATE

9-1-21

Gastrointestinal



PATIENT

The stomach exhibited intact yet mildly prominent wall layering primarily in the area of the pylorus with mild retained pyloric fluid. No signs of ileus, obstruction or foreign material.

Louie Gilbert

SPECIES

The duodenum exhibited intact yet subjective mild prominent wall layering. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. The jejunum to the level of the ileocolic junction was sonographically unremarkable. The jejunum wall measured 0.22 cm width. The duodenum wall measured 0.35 cm width.

Feline

BREED

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

DSH

Pancreas

SEX

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.

MN

AGE

Free Abdomen

14 Years

Focally enlarged intermittent mesenteric lymph nodes were present. Subjectively, the mesenteric lymph nodes appeared to be potentially adjacent to the right kidney mass. These lymph nodes were homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident. An example of lymph node size was 1.9 cm x 0.58 cm.

WEIGHT

14.5 lbs

Small pockets of concurrent peritoneal free fluid were present.

INTERPRETED BY

ULTRASONOGRAPHIC FINDINGS

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

- Expansive nonhomogeneous right kidney mass with associated retroperitonitis.
- Gastroduodenitis pattern with mild pyloric hypomotility.
- Intermittent nonspecific mesenteric lymphadenopathy - lymphoid hyperplasia, reactive lymphadenitis, or possible early metastatic lymphadenopathy possible.

IMAGING PERFORMED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Heidi Putnam

This study confirms the presence of a right kidney mass and associated retroperitonitis. Neoplasia i.e., lymphoma, sarcoma, or other is probable with nonneoplastic etiologies such as abscess, granuloma, or other possible yet considered less likely. Assuming normal clotting status, ultrasound guided FNA of the right kidney mass could be considered for screening cytology and further clarification. The possibility of potential retroperitoneal seeding or early lymphatic involvement cannot be definitively excluded. Three view chest radiographs and potential abdominal CT for further assessment for potential metastasis and surgical planning are likely ideal, if surgical options are being considered.

HOSPITAL NAME

Linn Veterinary
Hospital

REFERRING VET

Dr. Stern

INVOICE

47237

DATE

9-1-21



PATIENT

Louie Gilbert

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

14 Years

WEIGHT

14.5 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Heidi Putnam

HOSPITAL NAME

Linn Veterinary
Hospital

REFERRING VET

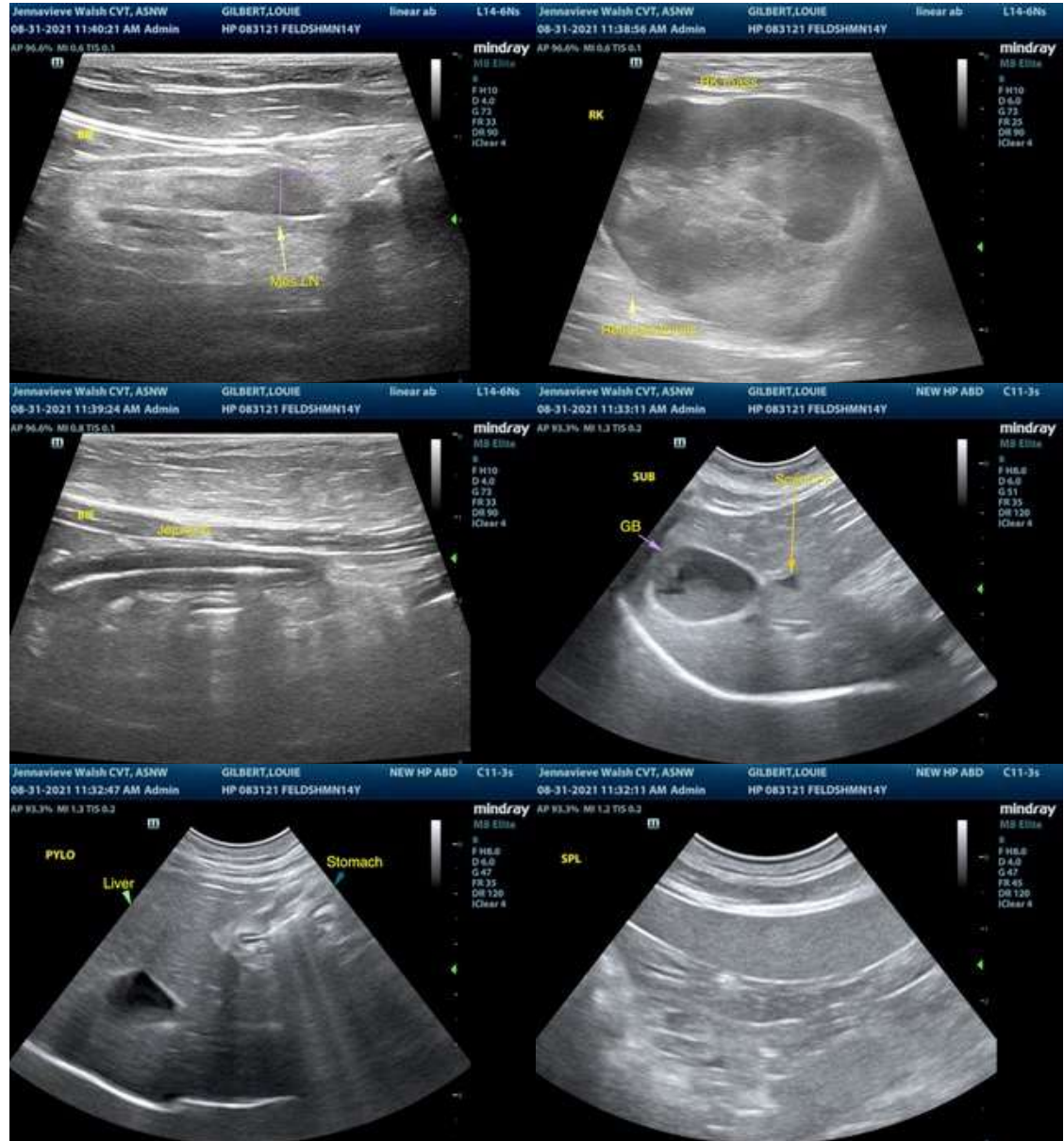
Dr. Stern

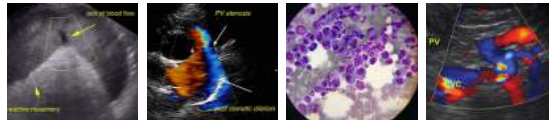
INVOICE

47237

DATE

9-1-21





PATIENT

Louie Gilbert

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

14 Years

WEIGHT

14.5 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Heidi Putnam

HOSPITAL NAME

Linn Veterinary
Hospital

REFERRING VET

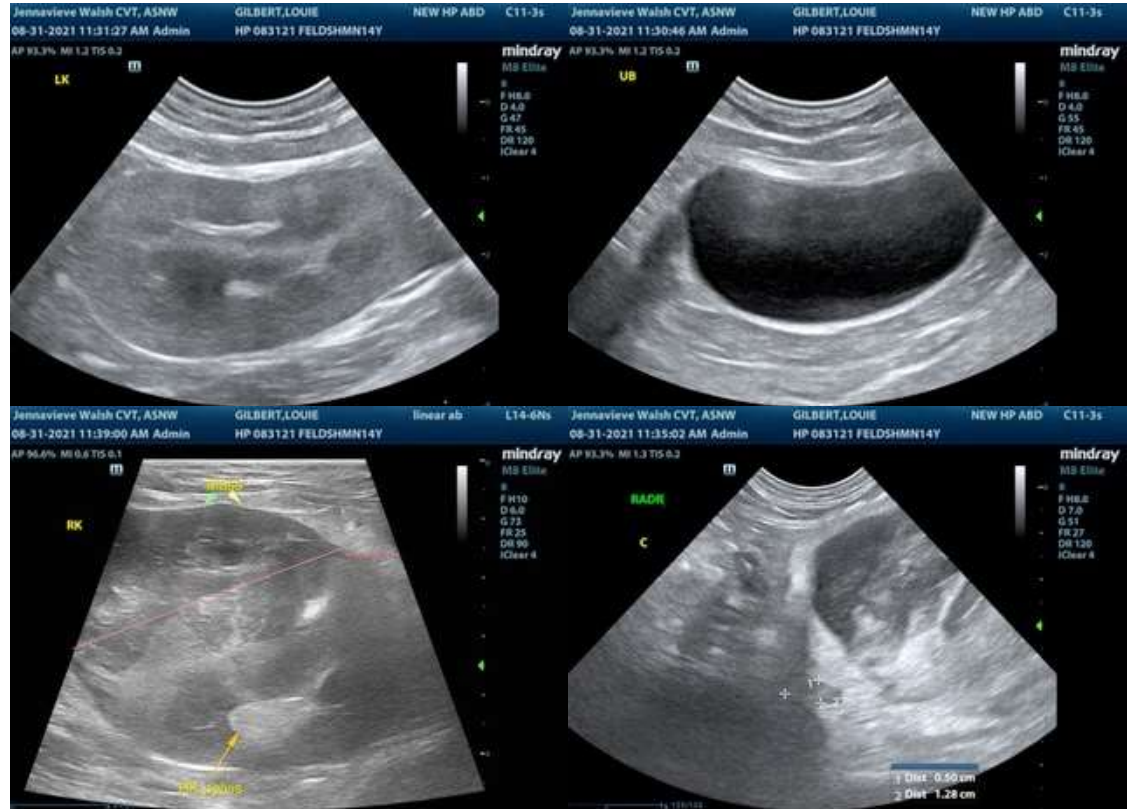
Dr. Stern

INVOICE

47237

DATE

9-1-21



The information and recommendations provided are based on the images presented by the referring veterinarian. 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