



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Roxie Rogers
SPECIES
Canine
BREED
Golder Retriever

PRESENTING CLINICAL SIGNS
History: P seen on 4/17. Pet was at dog sitter with access to other dogs. The day before owners arrived pet started eating less and has not eaten for owner. Owner picked pet up yesterday. Pet appears weak/shaky and painful when rising per owner. P currently on Gabapentin 300mg- 1 capsule by mouth every 8-12 hours.

Abnormal PE/Chem/CBC/UA Results: See attached labs: CBC- Leukocytosis 55.72 K/uL, Neutrophilia with left shift 47 K/uL, Monocytosis 4.23 K/uL Chem- Elevated BUN 45 mg/dL, Phos 7.6 mg/dL, Amylase 1556 U/L, Alkp 256 256 U/L, Decreased Na 138mmol/L, Cl 102mmol/L See attached Rads: Digital radiography- Decreased gastrointestinal radiolucency with fluid/gas/fat at the ventrolateral location. Splenic visualization obscured, mild rounding to the kidneys bilateral

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

Spayed female
AGE
10 years

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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.

WEIGHT

70 pounds

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 or overt pyelonephritis was present. The left kidney measured 7.0 cm in length. The right kidney measured 6.8 cm in length.

INTERPRETED BY

The area of the aortic trifurcation was free of pathology including no overt masses or medial, iliac or sublumbar lymphadenopathy.

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

No overt pathology noted in the area of the uterine remnant.

IMAGING

Adrenal Glands

PERFORMED BY

Jasmine Palacios

The left and right adrenal glands were not definitively visualized owing to peri adrenal omental artifact.

Spleen

HOSPITAL NAME

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.

Rivers Edge Pet Medical
Center

REFERRING VET

Liver

Dr. Travis Gibson

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.

INVOICE

10410ag

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

DATE

04/18/2022



PATIENT *Gastrointestinal*

Roxie Rogers The stomach was not definitively visualized owing to patient size, peri gastric omental artifact and potential contraction secondary to anorexia.

SPECIES The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

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

BREED *Pancreas*

Golden Retriever The pancreas was not definitively visualized owing to peri pancreatic omental artifact, patient size and presence of peritoneal free fluid

SEX *Free Abdomen*

Spayed female Generalized nonuniform to variably echogenic potentially nodular mesentery with regional undifferentiated hypoechoic mesentery present in the mid ventral abdomen which although nonspecific could indicate ill-defined lymphadenopathy with potential for undifferentiated small mesenteric infiltrative mass.

AGE 10 years Moderate volume cellular peritoneal free fluid observed.

Other

WEIGHT 70 pounds A rapid view of the heart revealed no obvious evidence of structural or functional cardiomyopathy. Concurrent minor to mild volume pleural free fluid was noted in the pericardial thorax.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**
Jasmine Palacios

ULTRASONOGRAPHIC FINDINGS

- Generalized nonuniform to variably echogenic (mixed primarily hyperechoic to regionally hypoechoic) mesentery.
- Moderate volume peritoneal free fluid exhibiting cellular component.
- Minor to mild concurrent noncardiogenic pleural free fluid.
- Mild hepatopathy.
- Mild chronic renal changes-no evidence of pyelonephritis or renal neoplastic criteria.

HOSPITAL NAME

Rivers Edge Pet Medical
Center

REFERRING VET

Dr. Travis Gibson

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend abdominocentesis, rapid cytospin and rapid slide preparation of the sediment to conserve the integrity of the cells would be recommended in order to optimize the cytological interpretation. Culture of the fluid can also be considered if any suspicion of inflammatory elements is noted. Given the lack of subnormal ALB levels, septic effusion/peritonitis of unknown etiology or carcinomatosis, lymphomatosis are the primary differentials. The possibility of non-obvious pancreatic or GI disease or lesion as contributing factors cannot be definitively excluded.

INVOICE

10410ag

Three view chest radiographs suggested to assess for concurrent thoracic pathology and assess cardiopulmonary status given the presence of pleural effusion. Potential for multicentric neoplasia could be possible.

DATE

04/18/2022

A very guarded prognosis is indicated pending additional diagnostics.



PATIENT

Roxie Rogers

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed female

AGE

10 years

WEIGHT

70 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet Medical
Center

REFERRING VET

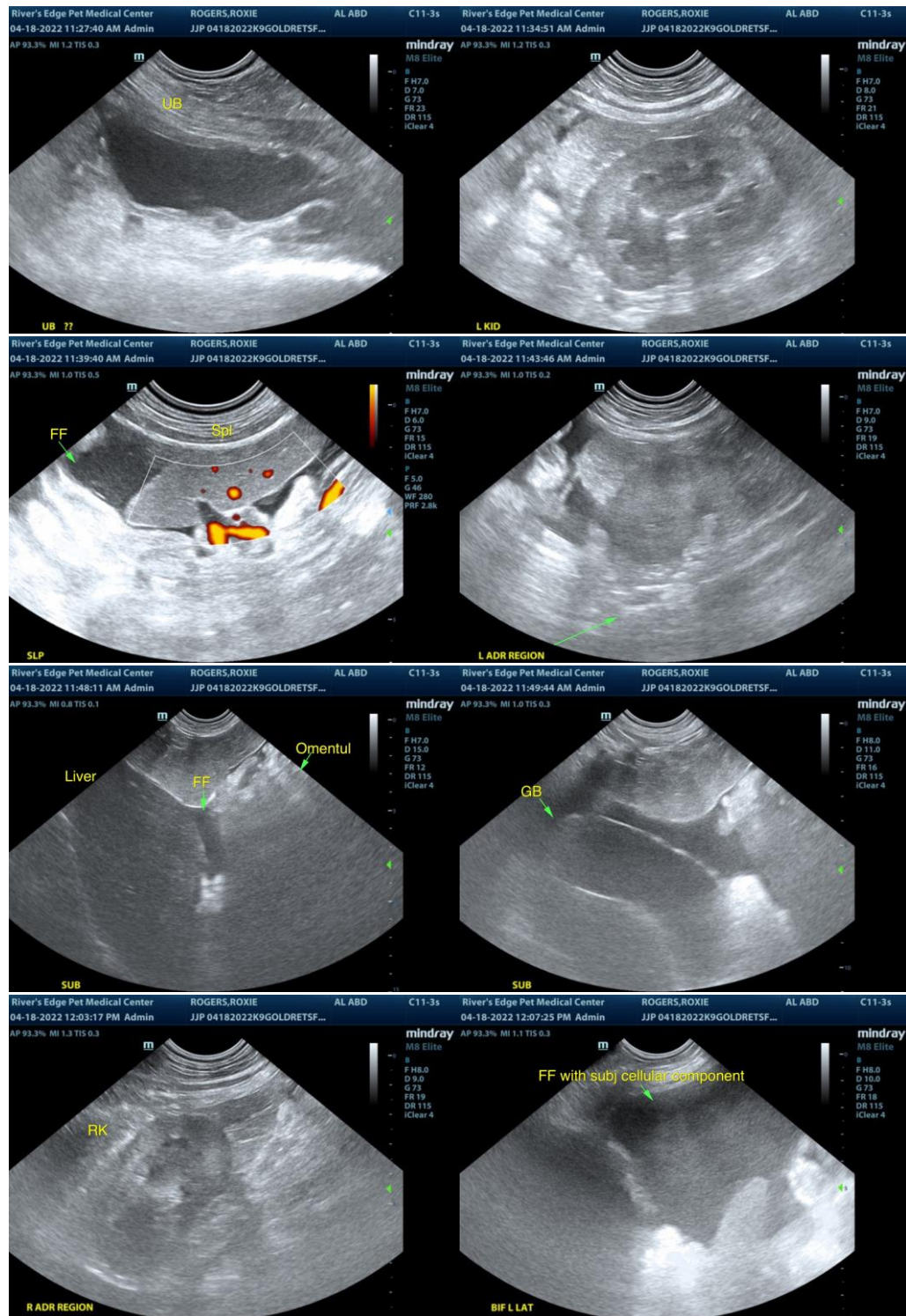
Dr. Travis Gibson

INVOICE

10410ag

DATE

04/18/2022





PATIENT

Roxie Rogers

SPECIES

Canine

BREED

Golden Retriever

SEX

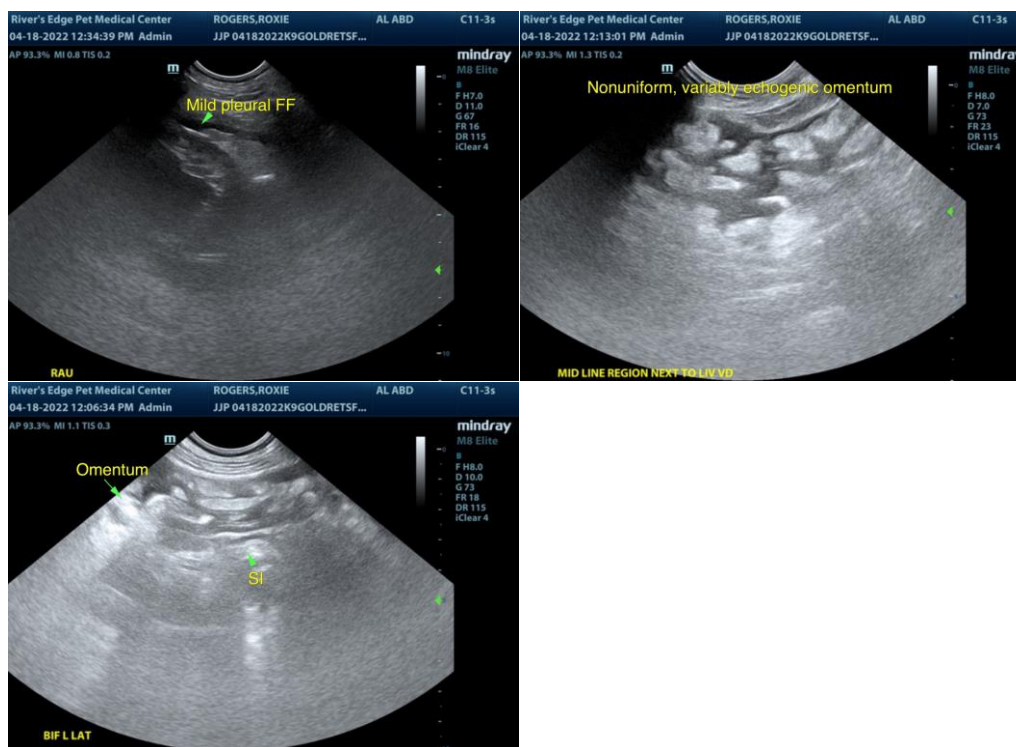
Spayed female

AGE

10 years

WEIGHT

70 pounds



INTERPRETED BY

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

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet Medical
Center

REFERRING VET

Dr. Travis Gibson

INVOICE

10410ag

DATE

04/18/2022

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