



PATIENT

Francie Kossoff

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

2013

WEIGHT

15.94 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook – SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge PMC

REFERRING VET

Dr. Marcia Fulton

INVOICE

24967

DATE

8/26/21

PRESENTING CLINICAL SIGNS

History of constipation for about 1 week - on miralax and cisapride with no BM since yesterday morning. P is still eating and playing, water consumption decreased. No obvious straining that O observes. Enema was not productive. History of diabetes managed with RC glycobalance. Abnormal PE/Chem/CBC/UA Results: Labwork on 8/17: CBC - WBC 3.8, Lymph 0.91, HCT 47.86, MCHC 29.4, MPV 11.1, Chem 10 WNL except Glucose 189. PCV 45%/TS 7.6 Radiographs were performed with no interpretation - subjective findings showed moderate amount of formed stool in colon.

Radiographs: Mild colonic overdistention

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 4.59 cm. The right kidney measured 4.81 cm. Blood flow to the kidneys appeared to adequate on power doppler assessment.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.22 cm. The right adrenal gland measured 0.3 cm.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. Duplicated gallbladder noted, which is a normal variant. The common bile duct was normal.

Gastrointestinal



PATIENT

Francie Kossoff

The **gastrointestinal tract** was largely unremarkable. The colon revealed thin wall and normal stool consistency, no evidence of pathology.

Pancreas

SPECIES

Feline

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

BREED

DSH

ULTRASONOGRAPHIC FINDINGS

- Age related abdominal changes with mild to moderate interstitial nephrosis renal pattern
- Structurally normal gastrointestinal tract, however the colon is repleted with significant stool
- Duplicated gallbladder, normal variant, not pathological

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant pathology. The patient may be developing obstipation. Eventual subtotal colectomy may be necessary, however criteria is not present at this time. Medical management recommended.

AGE

2013

WEIGHT

15.94 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook - SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge PMC

REFERRING VET

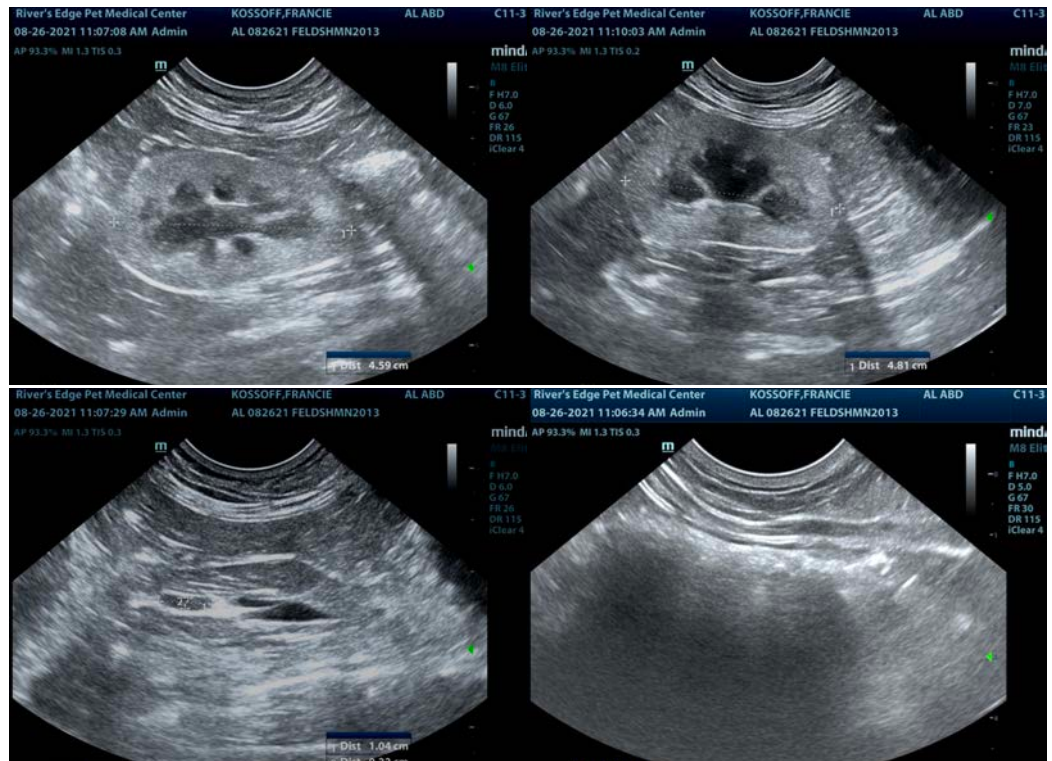
Dr. Marcia Fulton

INVOICE

24967

DATE

8/26/21





PATIENT

Francie Kossoff

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

2013

WEIGHT

15.94 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook - SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge PMC

REFERRING VET

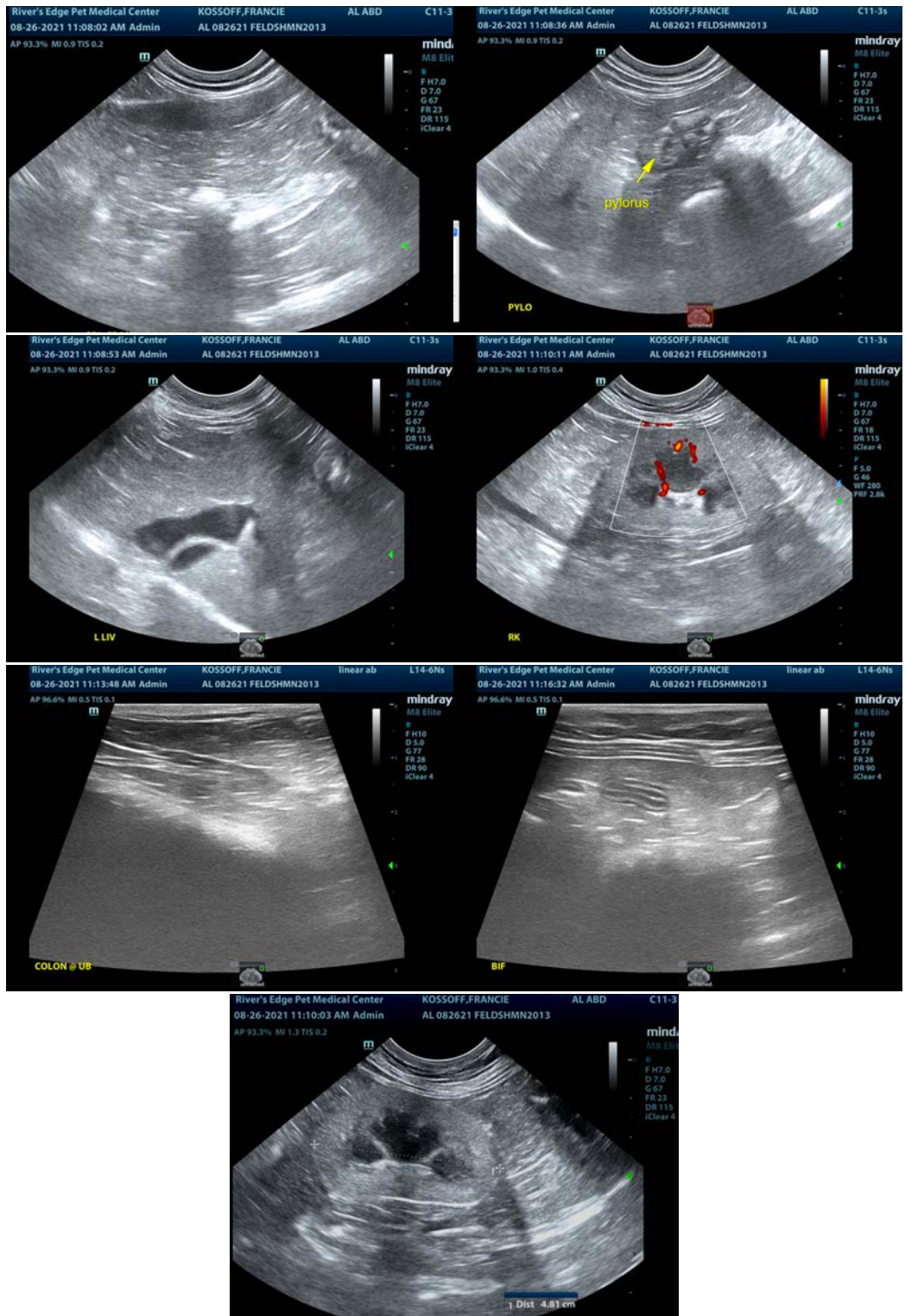
Dr. Marcia Fulton

INVOICE

24967

DATE

8/26/21





PATIENT

Francie Kossoff

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.

SPECIES

Feline

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.

BREED

DSH

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com

SEX

Neutered Male

AGE

2013

WEIGHT

15.94 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Amanda Crook – SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge PMC

REFERRING VET

Dr. Marcia Fulton

INVOICE

24967

DATE

8/26/21