



PATIENT

Marie McKimm

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

3 Years 9 Months

WEIGHT

7.8 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Shari Reffi, CVT

HOSPITAL NAME

ACC Flanders

REFERRING VET

Dr. Hallihan

INVOICE

17223

DATE

9/9/22

PRESENTING CLINICAL SIGNS

History: Adopted with previous Hx of tail pull injury (*tail amputated*), constipation difficult to manage, bladder manually expressed 2-4x daily. Miralax causes diarrhea often when dose increased. IRIS stage II renal dz, chronic UTI and constipation. Current meds: Miralax 1/8 tsp 1-2 x daily PRN, Prazosin 1mg/ml-0.5ml bid, Bethanechol 5mg-1/2 T bid.

Abnormal PE/Chem/CBC/UA Results: BUN 23, Creat 1.6, SDMA 15. U/A- USG 1.017, Cocci >40/hpf, wbc 2-5 /hpf, RBC 0-2/hpf.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 3.35 cm. The right kidney measured 3.5 cm.

Adrenal Glands

The **left adrenal gland** was 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 0.35 cm.

The region of the **right adrenal gland** revealed no evident pathology.

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. The spleen measured 0.82 cm.

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. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal



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The **gastrointestinal tract** content was unremarkable other than full colon with hard stool . The slight free fluid may be secondary to straining of the colon.

Pancreas

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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

Free Abdomen

Trace **free fluid** was noted in the mid abdomen, may be secondary to straining of the colon.

SEX

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- Full colon with hard stool .
- Slight free fluid in the abdomen, may be secondary to straining of the colon

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT of the pelvis would be ideal in this patient for further definition. If medical management is not an option for any obstipation, then subtotal colectomy may be the best option in this patient.

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7.8 Pounds

SonoPath CT Services are offered at the [Blairstown Animal Hospital](#). Blairstown animal hospital is just a 30-minute drive west on route 80 from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at:

<https://sonopath.com/resources/sonopath-teleconsultation-services-and-sdep-certification/sonopath-ct-services>

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For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

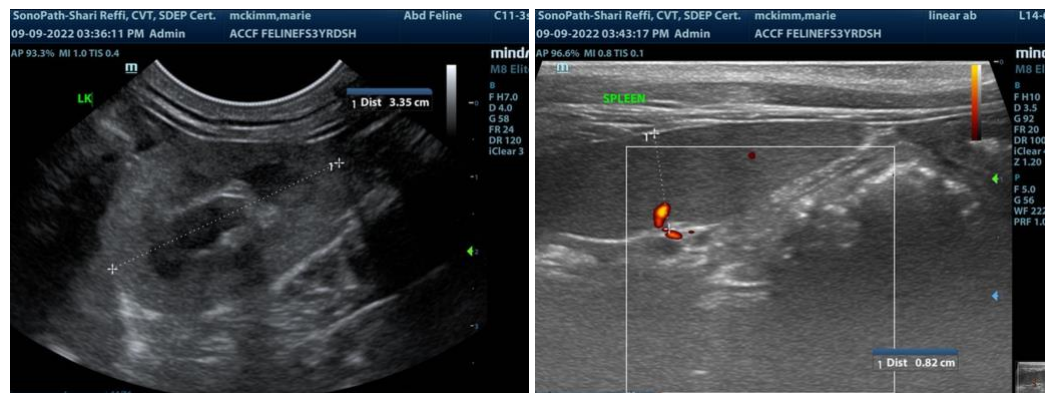
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One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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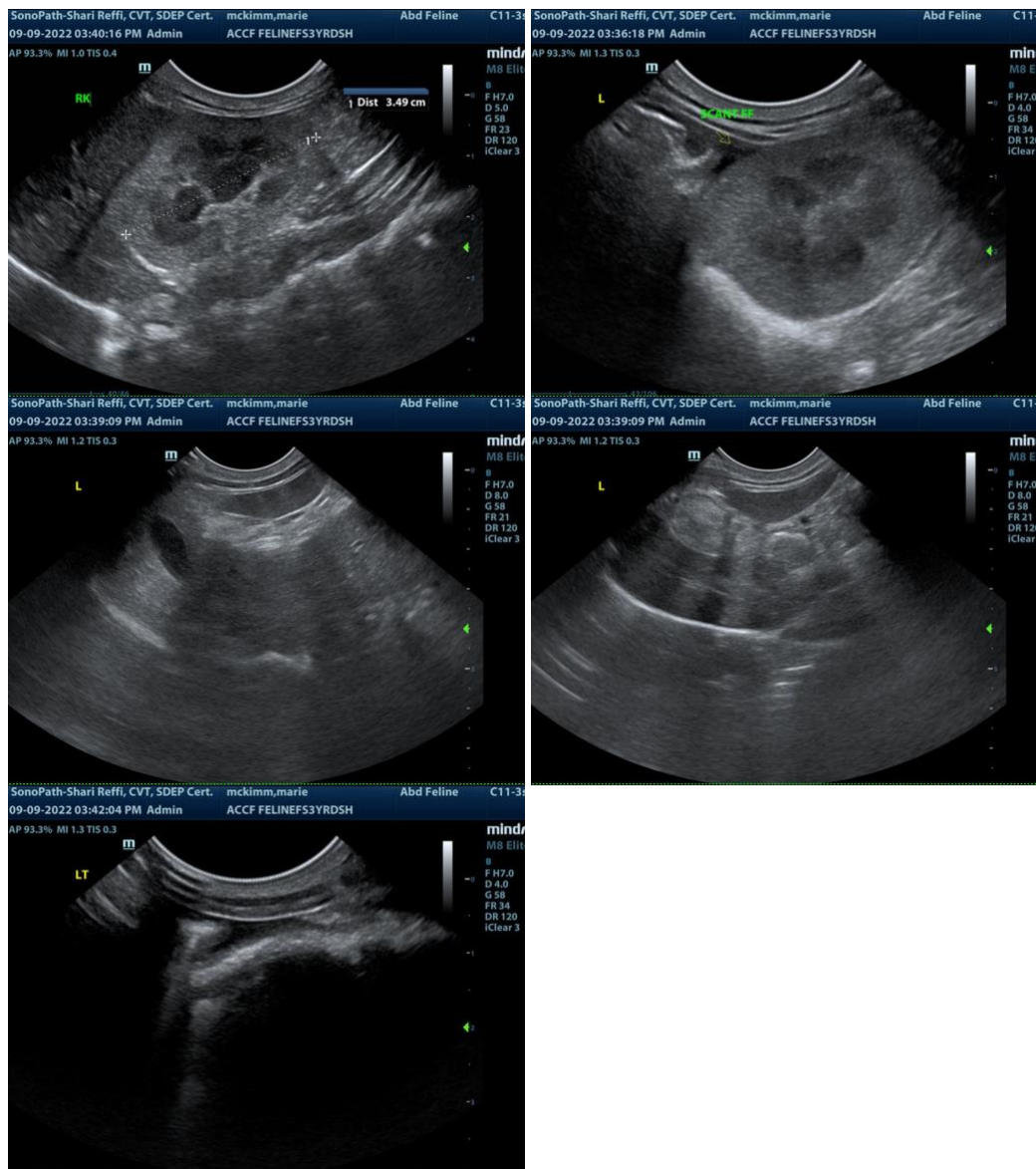
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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