



PATIENT

Chicklet Sommer

PRESENTING CLINICAL SIGNS

History: re occurring constipation straining to urinate U/A pending

SPECIES

Feline

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. This is a mild change. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

BREED

DSH

SEX

Spayed Female

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. This is a moderate change. The right kidney measured 4.0 cm. The left kidney measured 3.4 cm.

AGE

7

WEIGHT

14.8

Adrenal Glands

The regions of the **adrenal glands** revealed no evident pathology.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Jenn

Liver

The **hepatic** parenchyma was diffusely hyperechoic with mild sound beam attenuation. Duplicated gallbladder was noted in this patient, normal variant- no evident pathology.

HOSPITAL NAME

Rockaway AH

Gastrointestinal

REFERRING VET

Dr. Maniar

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

INVOICE

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Pancreas

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.

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Free Abdomen

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A cystic mesenteric **lymph node** was noted in this patient, measuring 1.5 cm x 1.0 cm.

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ULTRASONOGRAPHIC FINDINGS

- Idiopathic gallbladder duplication, normal variant
- Chronic renal changes/interstitial nephrosis pattern
- Cystic mesenteric lymph node- not likely pathological, however, FNA cytology and culture could be indicated.
- Hyperechoic liver
- Urinary bladder debris

BREED

DSH

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of structural disease directly responsible for the clinical signs in lower urinary tract and colon. I recommend a fresh fecal smear and fecal floatation analysis. Urinalysis is warranted. Assessment for lumbosacral orthopedic disease is indicated. If orthopedic pain is noted in the lumbosacral region, then CT evaluation of the lumbosacral pelvic region is recommended.

AGE

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ABOUT SONOPATH CT SERVICES:

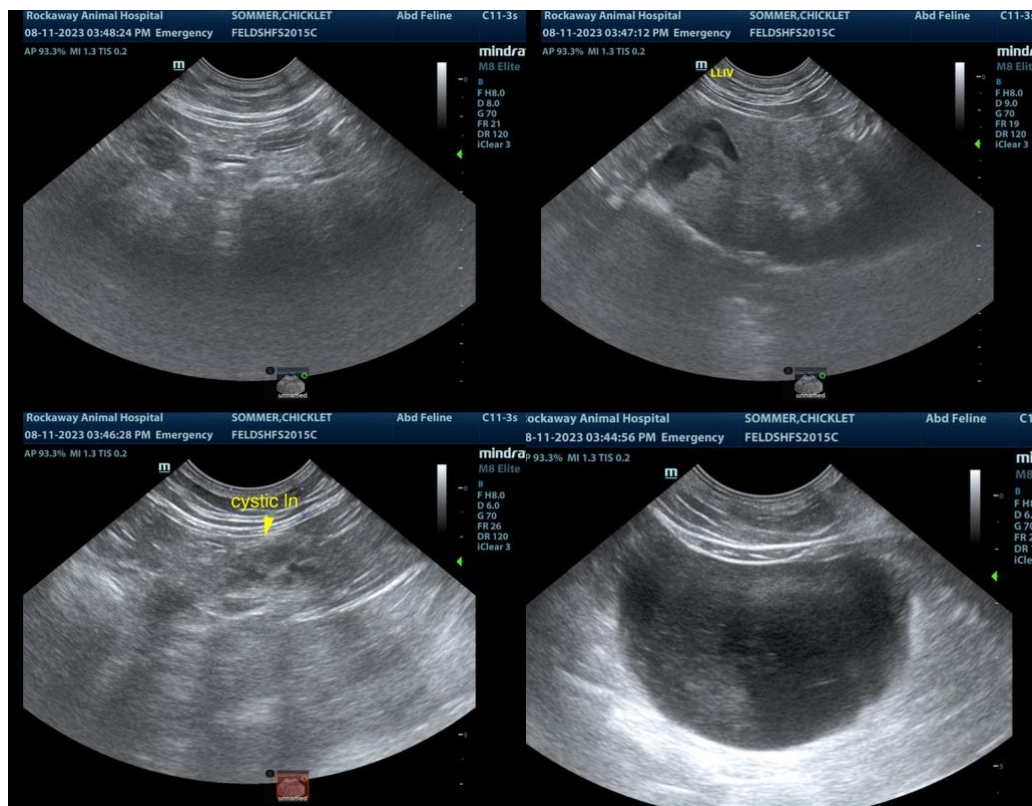
SonoPath CT Services are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at <https://sonopath.com/services/vetimaging/>

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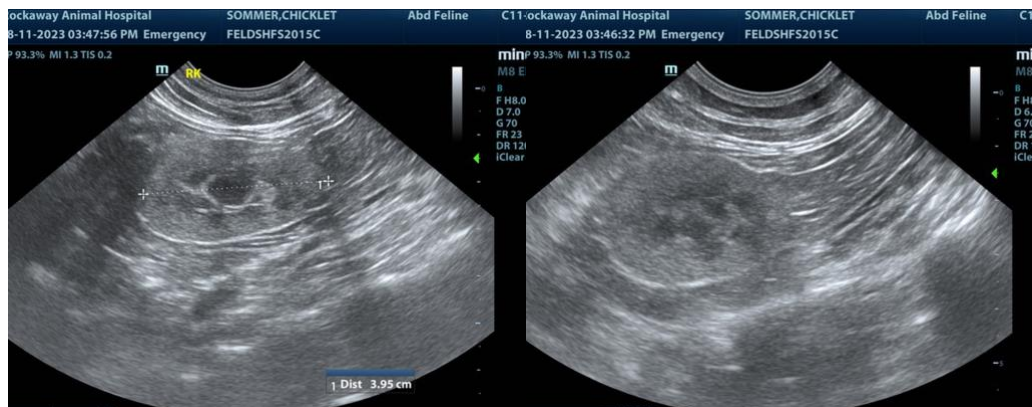
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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