



PATIENT

Irene Collazos

PRESENTING CLINICAL SIGNS

History: Outdoor cat, weight loss, fluid filled abdomen. R/o neoplasia

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra presented normal tone. The ureters were not visible which is normal. Suspended dependent debris/sand accumulation with minor bladder wall thickening and an area of mineralization was present. Ureteral papillae were normal.

BREED

Maine Coon Mix

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 4.08 cm in length. The right kidney measured 4.2 cm in length.

SEX

Spayed female

AGE

10 years

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 0.43 cm. The right adrenal gland measured 0.44.

WEIGHT

7.4 pounds

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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Rockaway Animal
Hospital

Gastrointestinal

Omental masses envelop the gastrointestinal tract.

REFERRING VET

Dr. Kahn

Pancreas

Pancreatic masses noted.

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Free Abdomen

DATE

04/19/2022

Omental masses were noted throughout the cranial abdomen masses enveloping the upper GI tract. A large amount of echogenic ascites was present.



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Irene Collazos

ULTRASONOGRAPHIC FINDINGS

- Abdominal carcinomatosis or similar type presentation.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The prognosis for this patient is poor. Abdominocentesis with cytospin could be considered for further definition.

BREED

Maine Coon Mix

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. FIP is technically a potential; therefore, FIP titers on the fluid are essential; however, given the age of the patient FIP is less likely. Carcinomatosis, lymphomatosis are the primary differentials.

SEX

Spayed female

The free fluid has mild echogenic changes to it. Given that no subnormal albumin that would diminish oncotic pressures to the point of causing free fluid as well as no evidence of passive congestion with hepatic vasculature or vena cava and no significant, diffuse hepatic disease is noted as well as no evidence of intestinal perforation or other pathology that would be responsible for effusion of this nature, lymphatic obstruction owing to carcinomatosis and lymphomatosis or similar is my primary concern.

AGE

10 years

WEIGHT

7.4 pounds

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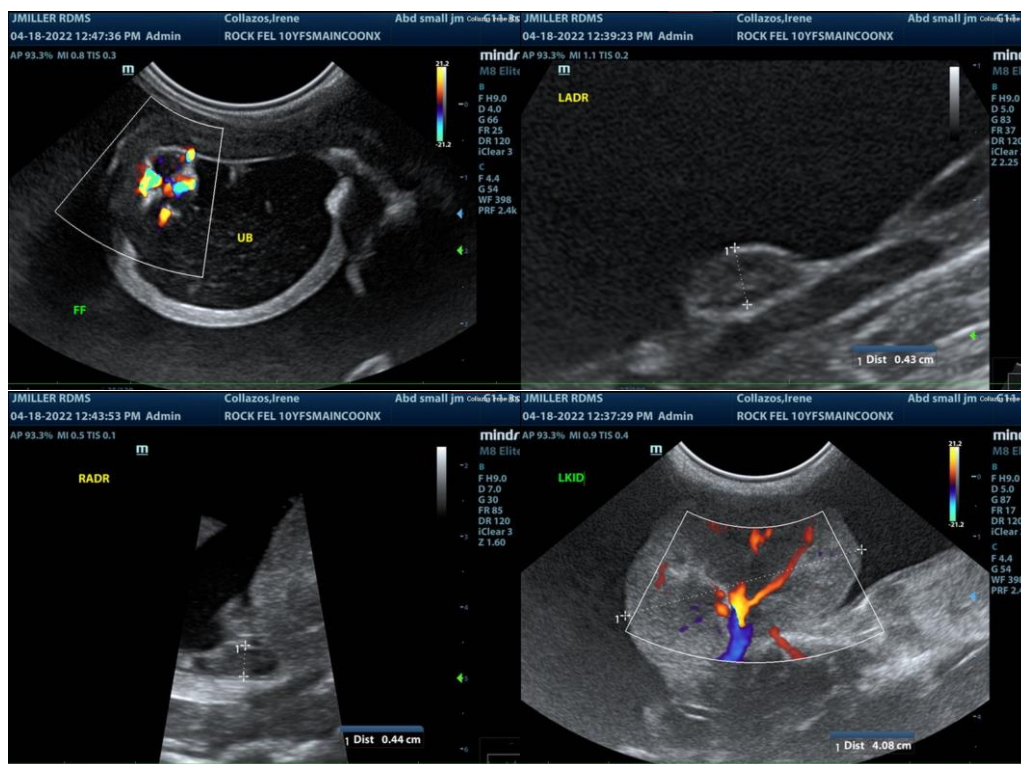
Dr. Kahn

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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.

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