

PATIENT PRESENTING CLINICAL SIGNS

Murphy Hoffman

History: losing weight; very anemic
Abnormal PE/Chem/CBC/UA Results: BUN 53, Na 176, Cl 131, K + low 3.1, HCT 7.7%. HGB 1.7, WBC 1.15

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

BREED

Siamese

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 was noted. Ureteral papillae were normal.

SEX

Neutered male

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 4.26 cm. The right kidney measured 4.2 cm. Blood flow to the kidneys appeared to be subnormal on Power Doppler assessment.

AGE

12 years

WEIGHT

8 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **adrenal glands** were uniform, yet bilaterally swollen and hypoechoic. This is most consistent with stress-induced hyperplasia. The left adrenal gland measured 0.56 cm. The right adrenal gland measured 0.54 cm.

IMAGING PERFORMED BY

Diane McFadden, RVT

Spleen

The **spleen** was severely enlarged with scalloping contour, yet uniform, hypoechoic parenchyma. The spleen measured 1.6 cm. This is strongly suggestive for infiltrative disease such as lymphoma.

HOSPITAL NAME

All Creatures Great
and Small Denville

Liver

The **liver** was enlarged, hypoechoic and irregular. The gallbladder and common bile duct were unremarkable. There was no evidence of post hepatic obstruction.

REFERRING VET

Dr. Mitrovic

INVOICE

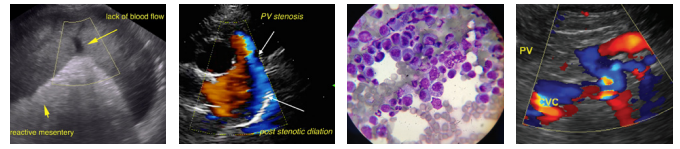
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Gastrointestinal

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.

DATE

6/22/23



PATIENT *Pancreas*

Murphy Hoffman

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.

SPECIES

Feline

Free Abdomen

BREED

Siamese

Slight areas of free fluid were noted in the abdomen.

SEX

Neutered male

Severe splenomegaly.
Mild hepatomegaly.

AGE

12 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Infiltrative disease with probable bone marrow involvement is likely given the anemia. There was no evidence of free fluid. Blood transfusion, coagulation panel and 25-gauge FNA of the spleen and liver as well as bone marrow aspirate is warranted along with CBC path review. Prognosis is guarded to poor.

WEIGHT

8 lbs

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Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

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and Small Denville

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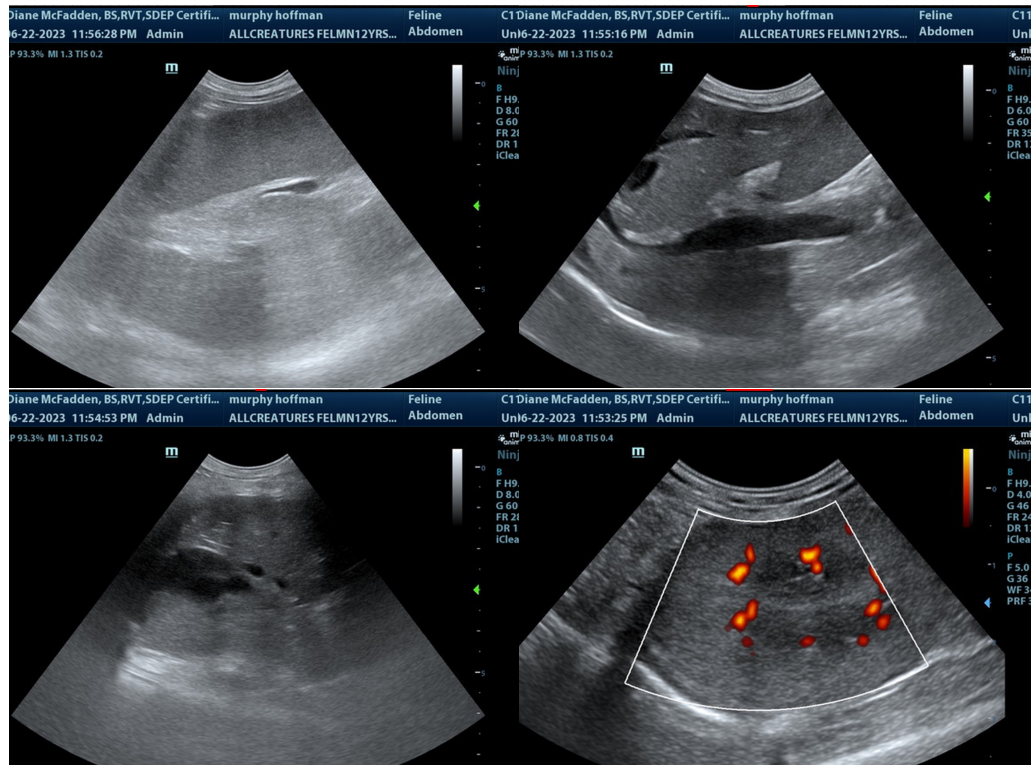
Dr Mltrovic

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PATIENT

Murphy Hoffman

SPECIES

Feline

BREED

Siamese

SEX

Neutered male

AGE

12 years

WEIGHT

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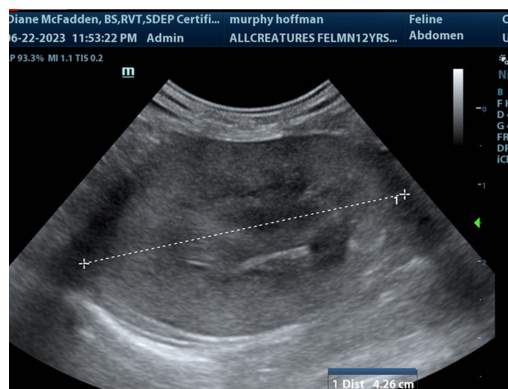
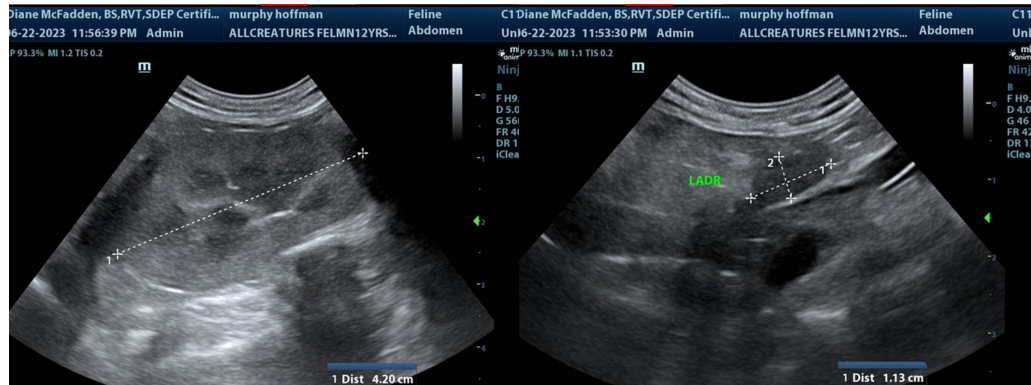
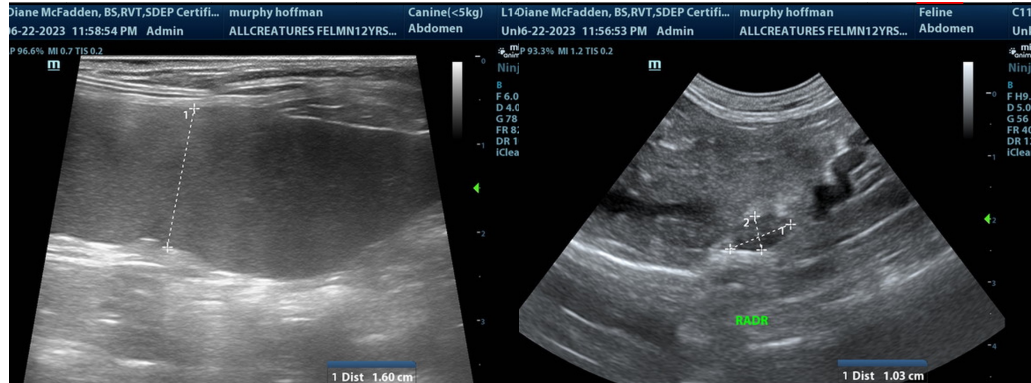
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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