



PATIENT

Thumper Martin

PRESENTING CLINICAL SIGNS

History: vomiting, progressed to V/D, palpable mid abdominal mass
Abnormal PE/Chem/CBC/UA Results: WBC elevated, panc enzymes elevated

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

BREED

Domestic Longhair

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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 4.58 cm. The right kidney measured 4.53 cm.

AGE

11 years

WEIGHT

12 lbs

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 0.33 cm. The right adrenal gland measured 0.52 cm.

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 was noted.

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

All Creatures Great
and Small Denville

REFERRING VET

Dr Mitrovic

Liver

The **liver** was mildly enlarged with increased portal markings. The gallbladder and common bile duct were unremarkable.

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42426

DATE

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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. The colic lymph node was enlarged and rounded measuring 1.0 cm.



PATIENT *Pancreas*

Thumper Martin

The **pancreas** was hypoechoic and irregular. The right limb revealed enhanced, surrounding mesentery. The mesenteric lymph nodes were reactive and measured up to 0.5 cm. The left pancreatic limb was inflamed, hypoechoic and irregular with enhanced mesentery.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

BREED

Lymphadenitis.

Domestic Longhair

Pancreatitis.

SEX

Cholangitis.

Neutered male

Chronic interstitial nephrosis pattern.

AGE

11 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

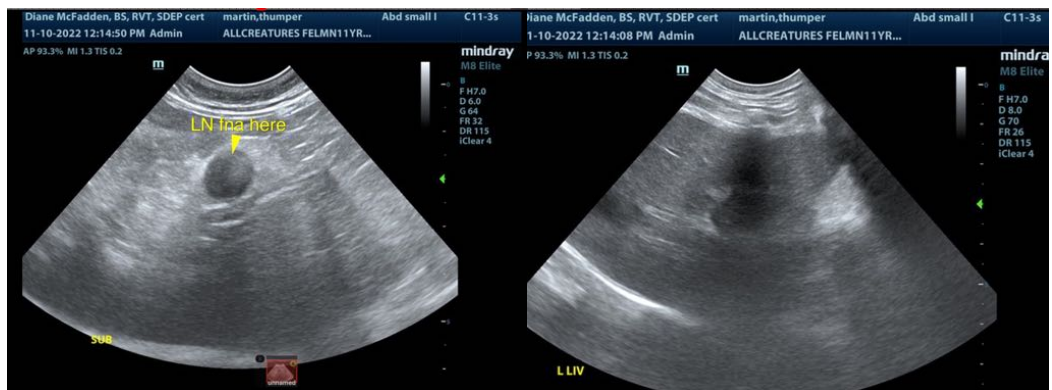
There is a potential for emerging round cell neoplasia. FNA of the liver, pancreas and lymph nodes are recommended for further definition. The prognosis is guarded.

WEIGHT

12 lbs

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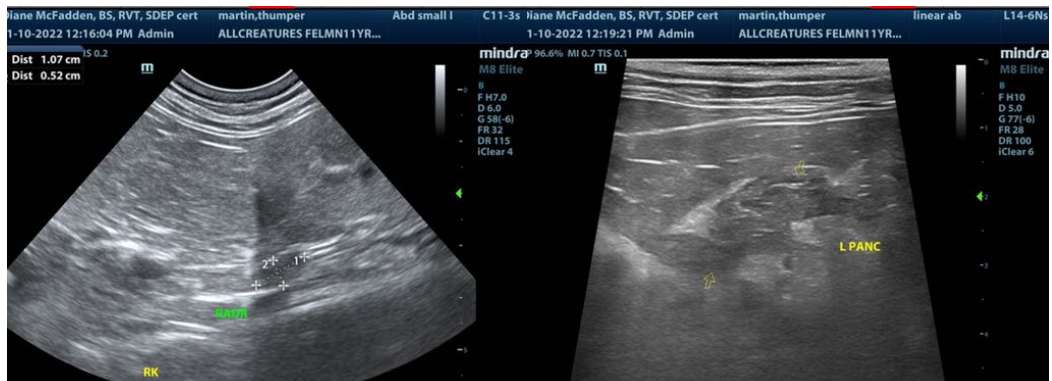
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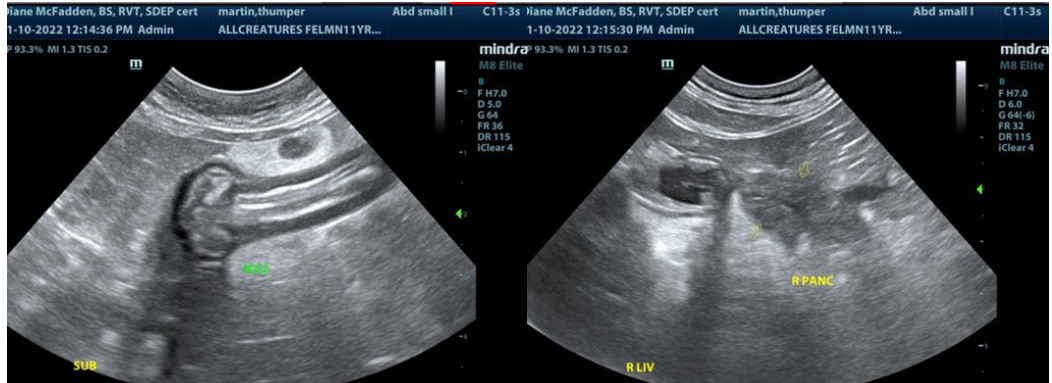
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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