



PATIENT PRESENTING CLINICAL SIGNS

Stewie Hartmann Vomiting large amounts of hairball; wt loss
Abnormal PE/Chem/CBC/UA Results: elevated GGT, abnormal FPL

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Domestic Shorthair

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 4.58 cm and the right kidney measured 4.79 cm.

AGE

12 years

WEIGHT

15.3 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 0.44 cm. The right adrenal gland measured 0.42 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden, RVT

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.

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Liver

The **liver** revealed coarse architecture with increased portal markings. Minor, hypoechoic nodular changes were noted. The gallbladder and common bile duct were unremarkable.

DATE

1/5/22

Gastrointestinal

Focal gastric wall thickening was noted in a region that measured 1.0 x 0.5 cm. Minor pyloric hypertrophy was noted. The remainder of the intestinal tract was unremarkable. The epigastric lymph node was enlarged with reactive mesentery. Ultrasound-guided FNA is warranted. The epigastric lymph node measured 1.5 cm.



PATIENT

Pancreas

Stewie Hartmann

The left **pancreatic** base revealed a hypoechoic structure that measured 1.5 cm. This is either a pancreatic nodule or overlying lymph node. Ultrasound-guided FNA is indicated.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

Epigastric lymphadenopathy and heterogenous hepatic changes.

BREED

Domestic Shorthair

Minor pyloric hypertrophy.

Thickened gastric wall.

SEX

Neutered male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound-guided FNA of the accessible lymph nodes and liver are recommended to assess for emerging round cell neoplasia/lymphoma versus lymphadenitis and gastritis. Guarded prognosis.

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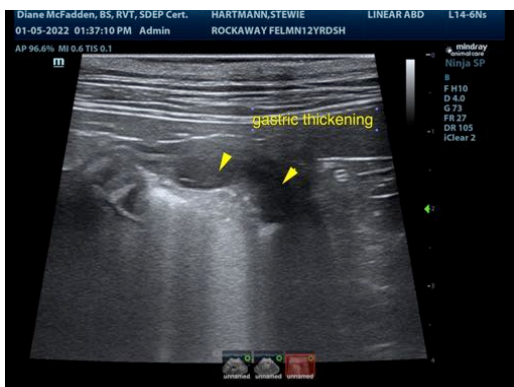
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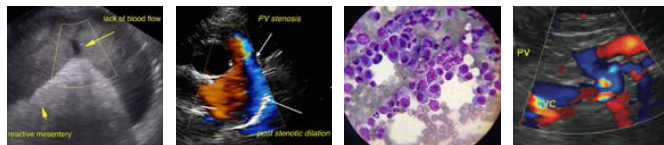
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DATE

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PATIENT

Stewie Hartmann

SPECIES

Feline

BREED

Domestic Shorthair

SEX

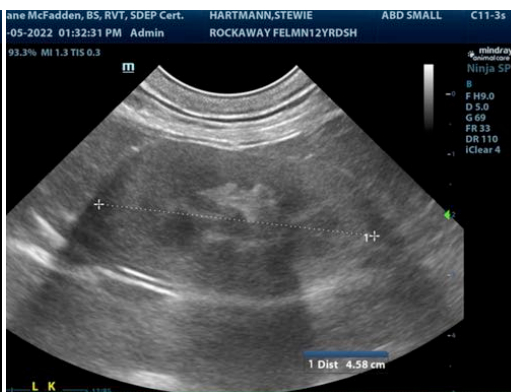
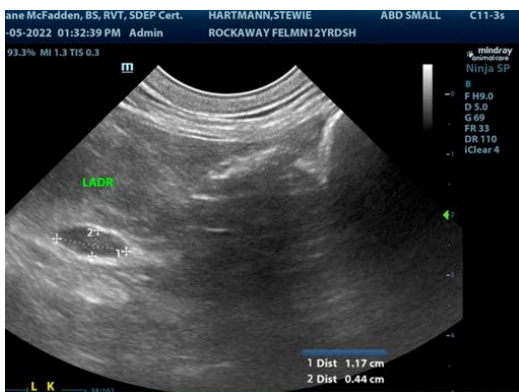
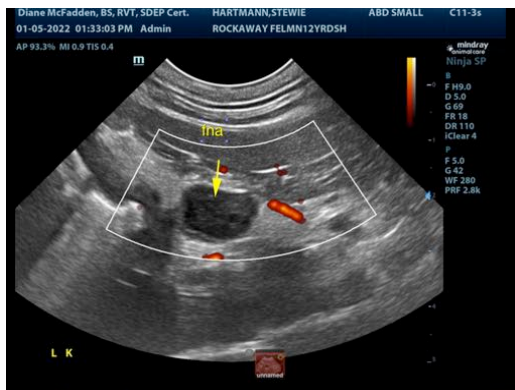
Neutered male

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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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