



PATIENT

Wilbur Koop

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

10 Years

WEIGHT

10 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ken Leal

HOSPITAL NAME

Blairstown AH

REFERRING VET

Dr. Carol Clegg

INVOICE

44476

DATE

8/4/23

PRESENTING CLINICAL SIGNS

Weight loss, poor appetite, anorexia, anemia, Suspicious gastric foreign body - present over a month as noted on radiograph. Current meds cefovcin, terramycin.

Abnormal PE/Chem/CBC/UA Results: HCT = 27%. AlkPhos = 403. Tbili = .8. Ca = 7.7

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

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 3.9 cm. The right kidney measured 4.0 cm.

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 0.50 cm. The right adrenal gland measured 0.40 cm.

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.

Liver

The **liver** was diffusely hyperechoic to falciform. The gallbladder and common bile duct were unremarkable. This is consistent with early hepatic lipidosis.

Gastrointestinal

The **stomach** revealed 2.5 cm progressively shadowing material, likely hairball accumulation. The small intestine and colon were unremarkable.

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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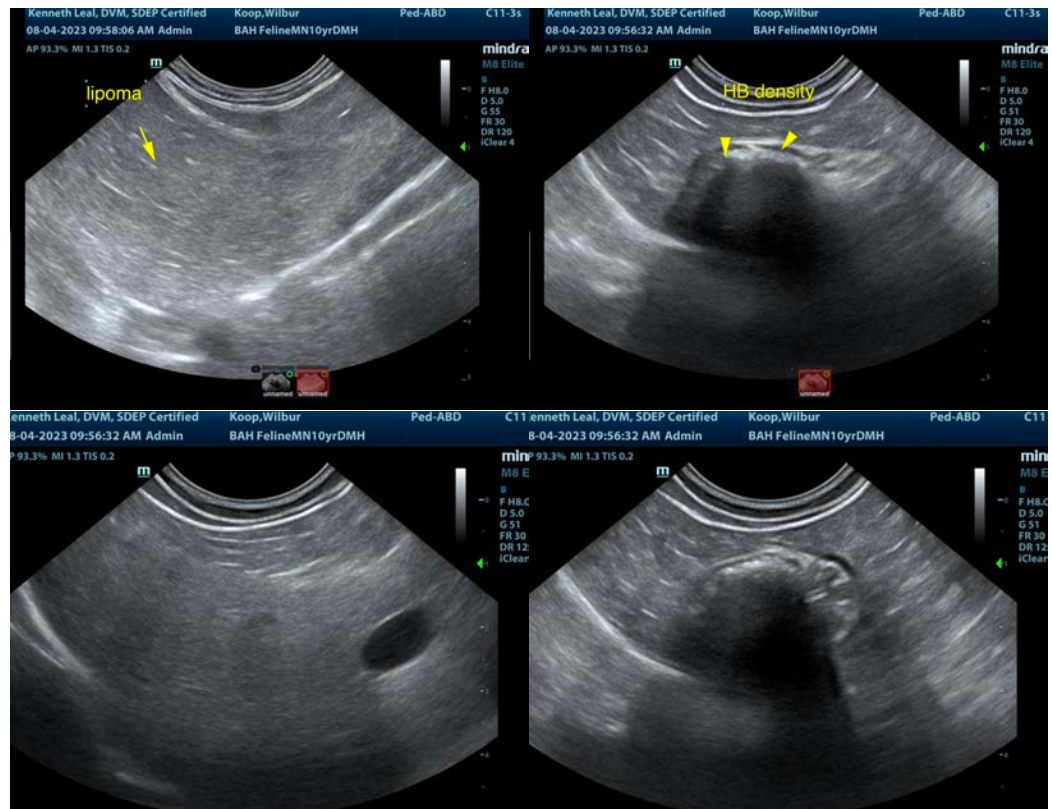
Dr. Carol Clegg

ULTRASONOGRAPHIC FINDINGS

- Hairball density in the stomach
- Hepatic lipidosis pattern
- Interstitial nephrosis

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Hairball therapy and supportive care should prove effective in this patient. CBC path review warranted. Given the liver enzyme elevations, FNA of the liver warranted to ensure only lipidosis is present and more significant disease is not underlying. No obvious evidence of neoplasia, however underlying hepatic lymphoma cannot be completely ruled out and can be obscured by a lipidotic pattern.



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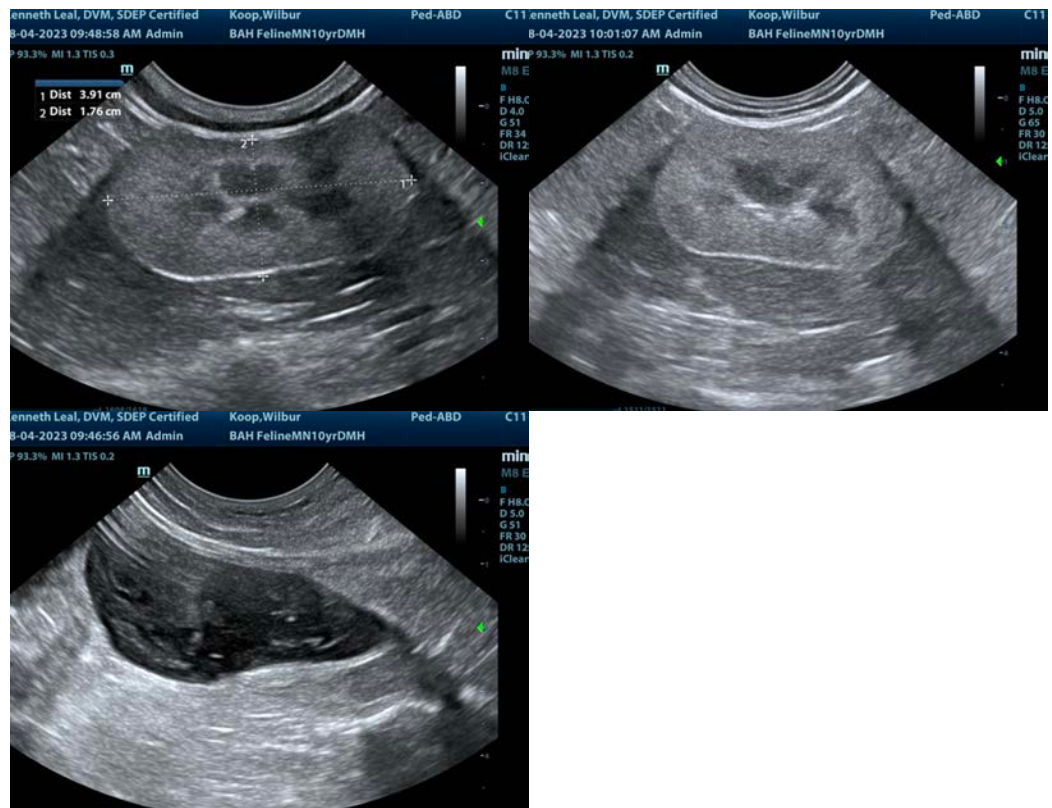
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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