



PATIENT

Benny Bove

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

Not Provided

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

The Gentle Vet

REFERRING VET

Dr. Gwiazdowski

INVOICE

75387

DATE

5/22/26

PRESENTING CLINICAL SIGNS

Persistently elev liver values gr 3 periodontal dz
Abnormal PE/Chem/CBC/UA Results: ALT-324 ast-152 alp-289 ggt-7 bili-2.2 chol-345

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The bladder is moderately distended with anechoic urine. No uroliths are seen. The bladder wall is normal in appearance and thickness. No masses are seen.

Kidneys are overall normal in size and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased cortical echogenicity and mild loss of corticomedullary distinction, expected in this age patient. There is no evidence of pyelectasia, mineral or infarcts observed. Left kidney measured 3.8 cm. Right kidney measured 3.7 cm.

Adrenal Glands

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The right adrenal gland measured 3.6 mm in width.

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The left adrenal gland measured 4.0 mm in width.

Spleen

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

Liver

Liver is subjectively mildly enlarged (swollen contour) without disruption of architecture. It has a normal homogenous echotexture. Parenchyma is diffusely hyperechoic characterized by less prominent than normal portal vein walls and increased echogenicity relative to the spleen and falciform fat. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder is bilobed, not clinically significant. It presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

Pancreas

The area of the left and right pancreas is seen, no pathology noted.

Free Abdomen

There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.



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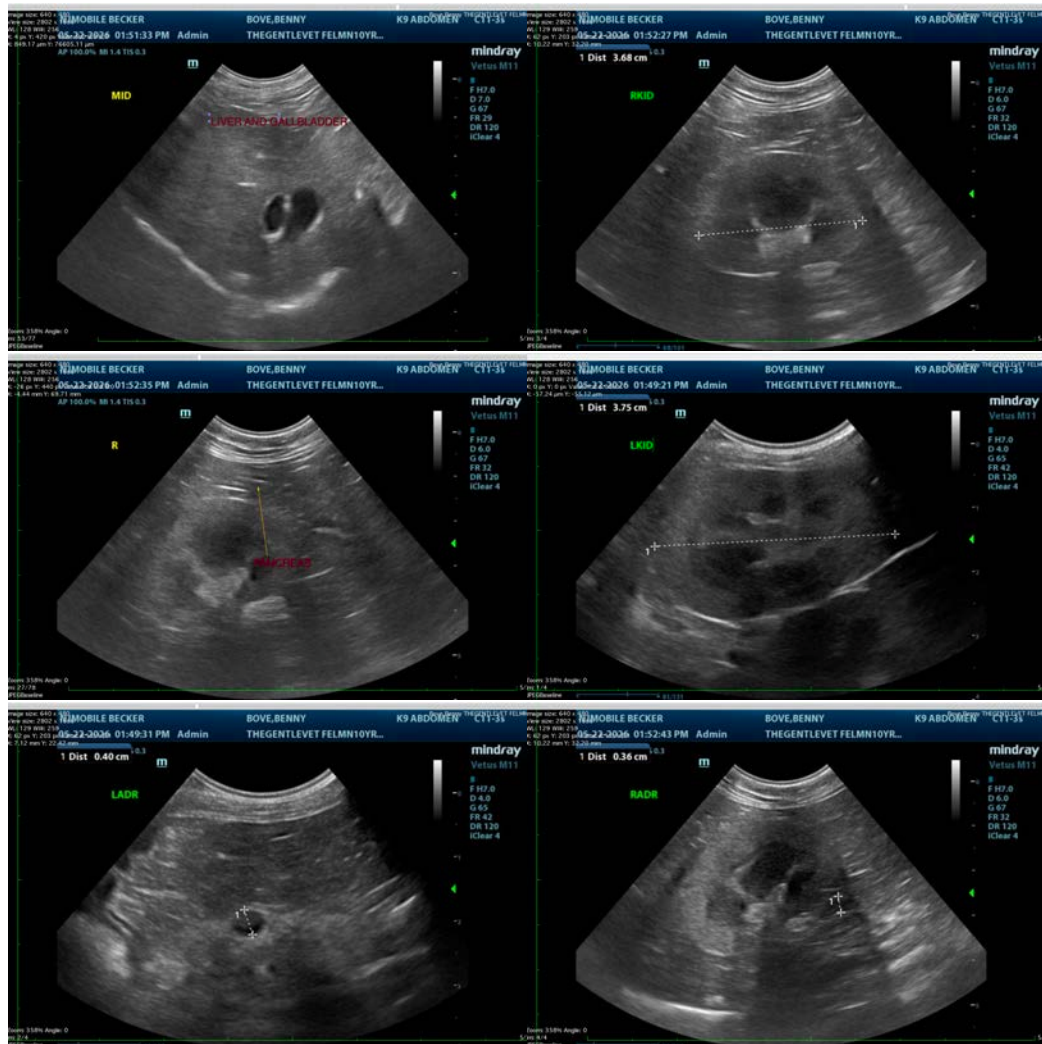
5/22/26

ULTRASONOGRAPHIC FINDINGS

- Age related renal changes.
- Mild hyperechoic hepatomegaly.
- Bilobed gallbladder, not clinically significant.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The liver changes are suspected to be due to a vacuolar hepatopathy such as a mild early case of hepatic lipidosis, less likely infiltrative neoplasia such as lymphoma. Consider a fine needle aspirate of liver to rule out infiltrative disease and to determine if possible hepatic lipidosis may be present. If liver values remain elevated and no secondary cause is identified, liver biopsy would be recommended. If liver biopsy is performed, recommend obtaining samples for histopathology, copper quantitation, aerobic and anaerobic bacterial culture.





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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.

Greg Kuhlman, DVM, DACVIM (SAIM)

Veterinary Internal Medicine Specialist
info@SonoPath.com