



**PATIENT PRESENTING CLINICAL SIGNS**

Willow Harvey History of elevated ALP: 491. no response to dental cleaning and chronic denamarin use. ALT WNL. Total bilirubin: 0.4.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

BREED

The bladder, trigone and visible pelvic urethra were normal in tone and thickness. The bladder contents were mainly anechoic with mild echogenic sediment, which can represent mucous, sloughed epithelial cells, red blood cells, crystals or inflammatory cells. Correlation with a urinalysis is recommended, as mild sediment can be a normal finding. There was no visible inflammation in the bladder or urethra. The ureters were not visible, which is normal.

Mixed

SEX

Female

Both **kidneys** were subjectively normal in size for breed and body weight. The capsule contour was smooth. Normal corticomedullary distinction was present with a normal 1:3 cortex to medulla ratio. The cortex was normal in echogenicity. There was no evidence of pyelectasia or renoliths. The left kidney measured 5.1 cm in length. The right kidney measured 5.6 cm in length.

AGE

9 Years

**Adrenal Glands**

WEIGHT

39.2 Pounds

Both **adrenal glands** were visualized and found to be normal in size and shape for breed. The capsule of each gland was smooth with no evidence of capsular expansion. The echogenicity and echotexture of each gland was normal. There was no evidence of inflammation around either adrenal gland. The left adrenal gland measured 0.5 cm at the cranial pole and 0.7 cm at the caudal pole. The right adrenal gland measured 1.4 cm at the cranial pole and 0.4 cm at the caudal pole.

**INTERPRETED BY**

Karen Ebersole, DVM,  
DABVP (Canine and  
Feline)

**Spleen**

The **spleen** was normal size and shape with a smooth capsule contour. The spleen was in a normal position. The parenchyma had a finely textured and homogenous echogenicity. The vasculature was normal in structure, with no evidence of thrombus on power doppler examination.

**IMAGING PERFORMED BY**

Dr. Elaina Petrone

**Liver**

**HOSPITAL NAME**

Long Branch AH

The liver was mildly increased in size, with a smooth but rounded capsule contour. The parenchyma was subjectively hyperechoic with a homogeneous coarse echotexture. The hepatic and portal veins were normal in size and structure, with no visible congestion. There were no overt masses or nodules visible.

**REFERRING VET**

Dr. Elaina Petrone

The gall bladder was normal in size and shape with a minor amount of gravity dependent, non-shadowing sludge. There was no visible inflammation or wall thickening. The cystic and common bile ducts were normal.

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**Gastrointestinal**

DATE

7/17/23

The **stomach** was largely empty with normal size, shape, and position. The stomach wall was normal in thickness and maintained appropriate layering. The **small intestine** displayed normal curvilinear patterns throughout, with normal wall thickness and layering. Normal peristalsis was present. The visible **colon** wall was normal in thickness and layering. There were no visible masses or focal lesions.



**PATIENT** *Pancreas*

Willow Harvey

The left limb, body and right limb of the **pancreas** were visualized and found to be normal in size and shape. The pancreatic capsule was smooth, without deviation or expansion. The parenchyma was isoechoic to the surrounding mesentery. The pancreatic duct was normal in size and appearance. There was no evidence of discrete masses or inflammation.

**SPECIES**

Canine

**Free Abdomen**

**BREED**

Mixed

There was no overt mesenteric lymphadenopathy or free peritoneal fluid present.

**SEX**

Female

- Benign diffuse mild hepatopathy – vacuolar hepatopathy suspected
- Minor gall bladder sludge

**AGE**

9 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The clinical and sonographic presentation are most consistent with a mild benign hepatopathy. There were no overt nodules or masses present, and no suspicion of neoplasia. The gall bladder sludge is mild and can be secondary to fasting. Some dogs may have an elevated ALP as they age, without any discernable pathology or clinical signs. Annual monitoring of liver enzymes is recommended and repeat US if a drastic increase occurs or there are clinical signs of liver disease (PU/PD, vomiting, anorexia, lethargy, etc).

**WEIGHT**

39.2 Pounds

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DABVP (Canine and  
Feline)

**IMAGING PERFORMED BY**

Dr. Elaina Petrone

**HOSPITAL NAME**

Long Branch AH

**REFERRING VET**

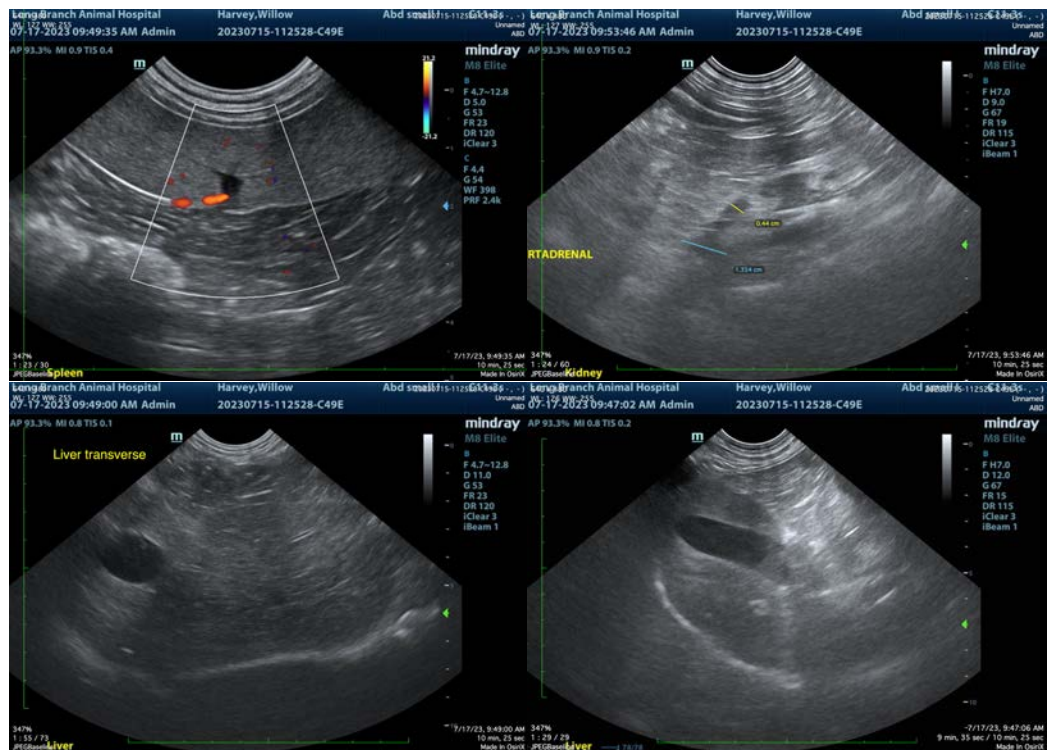
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**PATIENT**

Willow Harvey

**SPECIES**

Canine

**BREED**

Mixed

**SEX**

Female

**AGE**

9 Years

**WEIGHT**

39.2 Pounds

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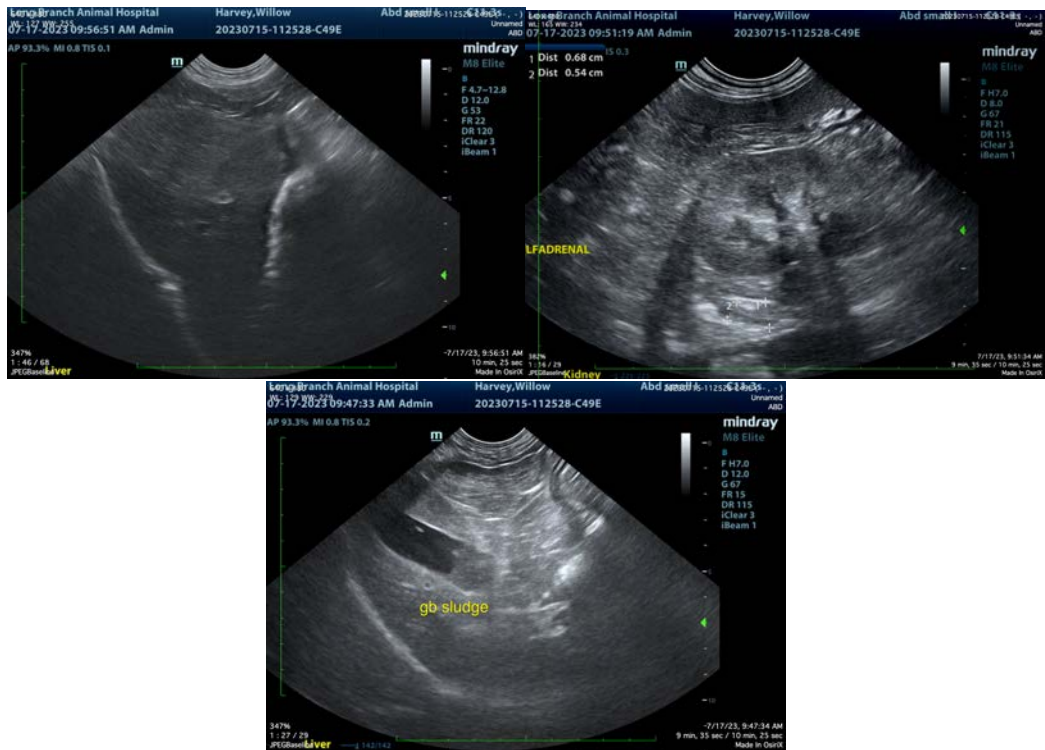
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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