



PATIENT

Master P Cella

SPECIES

Canine

BREED

Mastiff Mix

SEX

Neutered male

AGE

12 years

WEIGHT

INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline practice)

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Ringwood AH

REFERRING VET

Dr. Wilkes

INVOICE

43486

DATE

3/23/23

PRESENTING CLINICAL SIGNS

History: Patient presents for ALP increase by 3 x from last blood work. History of unresolving UTI; was treated with Amoxi-Clav. Owner reports pet doing well at home.

Abnormal PE/Chem/CBC/UA Results: ALP 1454, Chol. 443, TT4 0.5. U/A: 1+ bilirubin, 20-30 WBCs, rare rods, occasional struvite crystals, USG 1.033.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** was minimally full of anechoic urine. The serosal and mucosal surfaces were overall smooth without deviation. The apical bladder wall was mildly thickened. The urine was anechoic with no visible sediment or uroliths. The ureters were not visible, which is normal. The bladder trigone was normal. The pelvic urethra was visualized to a depth of 4 cm. The pre-prostatic urethra was mildly thickened but uniform, with no intramural or intraluminal mineralization.

The residual **prostate** was visualized and found to be normal in size and echogenicity. The prostate measured 1.85 cm by 0.8 cm.

The **iliac trifurcation** was visualized and evaluated with color doppler. There was normal vascular perfusion with no evidence of thrombus formation. There was no visible lymphadenopathy in the region.

Both **kidneys** were subjectively sub-normal in size with mild to moderate aging changes. The capsule contour was mildly irregular. Normal corticomedullary distinction was present with a normal 1:3 cortex to medulla ratio. The cortex was normal in echogenicity with very mild mineralization. There was no evidence of pyelectasia or renoliths. Perfusion and vascularity were normal on power doppler. The left kidney measured 6.3 cm in length. The right kidney measured 5.8 cm in length.

Adrenal Glands

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. There was no evidence of vascular invasion or inflammation around either adrenal gland. The left adrenal gland measured 0.45 cm at the cranial pole and 0.63 cm at the caudal pole, and 2.72 cm in length. The right adrenal gland measured 1.25 cm at the cranial pole and 0.74 cm at the caudal pole, and 2.86 cm in length.

Spleen

The **spleen** was normal size and shape with a smooth capsule contour. The spleen was in a normal position. The parenchyma had a subtle heterogenous texture with occasional hypoechoic, non-disruptive nodules. The vasculature was normal in structure, with no evidence of thrombus on power doppler examination.

Liver

The **liver** was normal in size and shape with a smooth capsule contour. The liver lobe edges were appropriately sharp. The parenchyma had a normal coarse and homogenous echotexture. The hepatic



PATIENT

Master P Cella

and portal vasculature were normal in size and volume. There were no visible focal lesions, masses or inflammation present.

SPECIES

Canine

The **gallbladder** was normal in size and shape. The gallbladder wall was thin and echogenic, with no sign of luminal or surrounding inflammation. The gallbladder contents were anechoic. The cystic duct and common bile duct were visualized and found to be normal in size and shape.

BREED

Mastiff Mix

Gastrointestinal

SEX

Neutered male

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.

AGE

12 years

Pancreas

WEIGHT

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.

INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline practice)

Free Abdomen

No peritoneal effusion or lymphadenopathy was noted on examination of the peritoneal cavity.

IMAGING PERFORMED BY

Kelly Vazquez

ULTRASONOGRAPHIC FINDINGS

- Mild apical bladder wall thickening – chronic cystitis pattern
- Mild proximal urethral thickening – suspect mild urethritis
- Minor aging changes in both kidneys
- Splenic nodules – suspect benign, but could represent extramedullary hematopoiesis, nodular regeneration

HOSPITAL NAME

Ringwood AH

REFERRING VET

Dr. Wilkes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend urine culture and sensitivity.

INVOICE

43486

FNA of the liver could be considered but suspect mild reactive or inflammatory hepatopathy.

FNA of the spleen could be considered but suspect benign

DATE

3/23/23



PATIENT

Master P Cella

SPECIES

Canine

BREED

Mastiff Mix

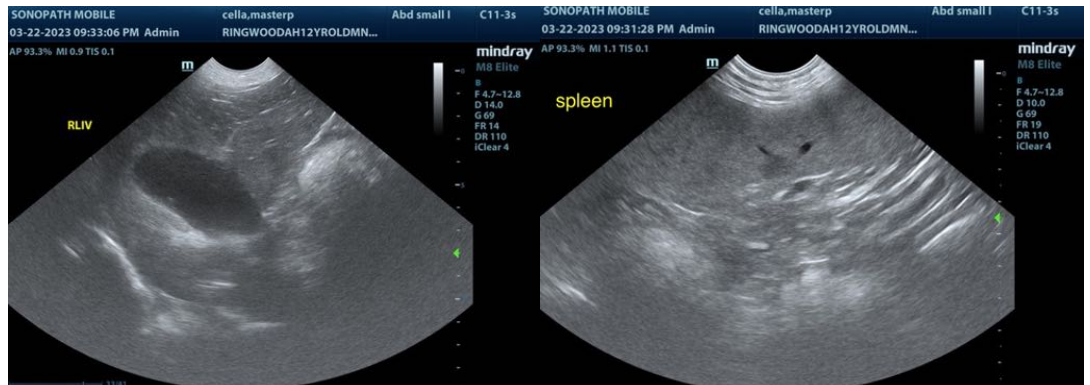
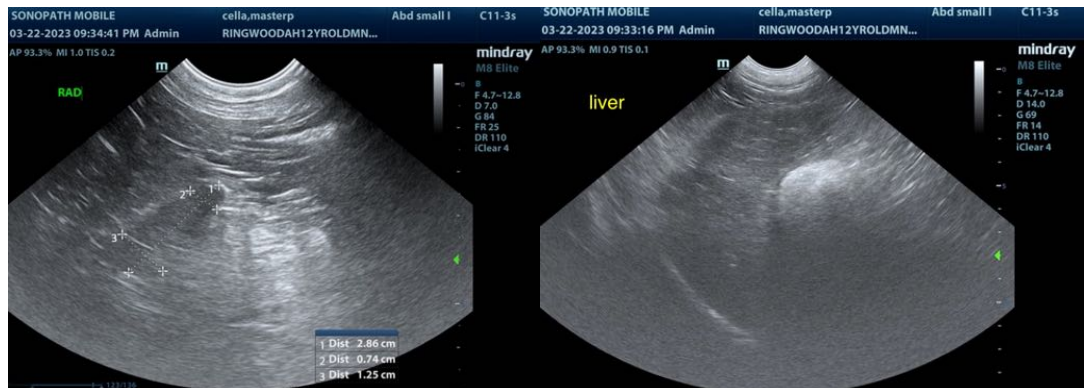
SEX

Neutered male

AGE

12 years

WEIGHT



INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline practice)

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Ringwood AH

REFERRING VET

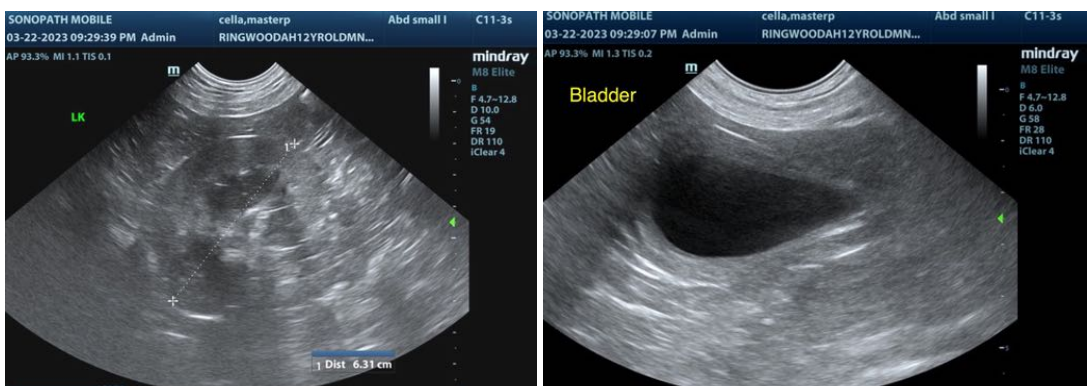
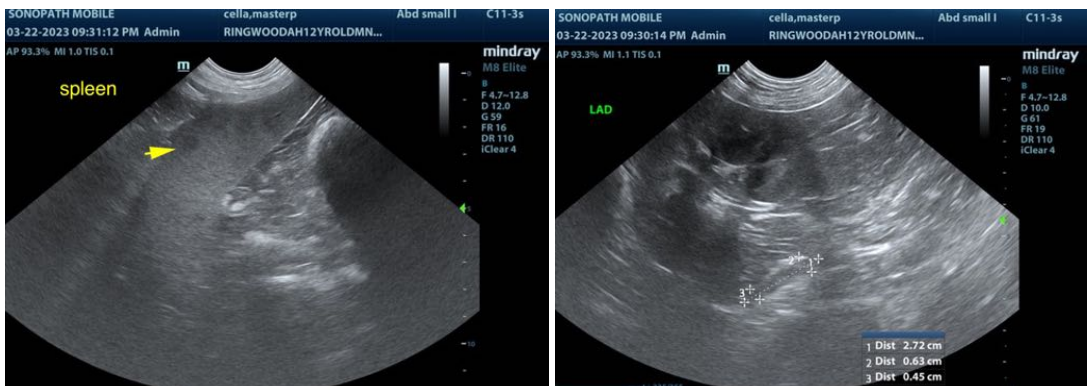
Dr. Wilkes

INVOICE

43486

DATE

3/23/23





PATIENT

Master P Cella

SPECIES

Canine

BREED

Mastiff Mix

SEX

Neutered male

AGE

12 years

WEIGHT



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.

Karen Ebersole, DVM, DABVP (Canine and Feline practice)
info@SonoPath.com

INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline practice)

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Ringwood AH

REFERRING VET

Dr. Wilkes

INVOICE

43486

DATE

3/23/23