



**PATIENT**

Minnie Logan

**SPECIES**

Canine

**BREED**

Pitbull Mix

**SEX**

Spayed Female

**AGE**

13 Years

**WEIGHT**

58

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Jamie Quick

**HOSPITAL NAME**

Tender Care AH

**REFERRING VET**

Dr. Jamie Quick

**INVOICE**

23360

**DATE**

7/14/23

**PRESENTING CLINICAL SIGNS**

History of pancreatitis. Referring veterinarian took x-rays and concerned about spleen and kidney. On ultrasound today (7/14/23), worried about liver and gallbladder.

Abnormal PE/Chem/CBC/UA Results: Lipase was elevated, everything else WNL.

**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 **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The kidneys measured 5.0 cm each.

**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 right adrenal gland measured 0.6 cm at the cranial pole and 0.4 cm at the caudal pole.

**Spleen**

The **spleen** was mildly enlarged, uniform, with slight scalloping contour.

**Liver**

The **liver** revealed multifocal hypoechoic expansive target type nodules with disrupted architecture, coalescing into masses. The gallbladder and common bile duct were unremarkable. Enhanced mesentery was noted around the liver.

**Gastrointestinal**

The visible **gastrointestinal tract** was unremarkable.

**Pancreas**

The **pancreas** was unremarkable.

**ULTRASONOGRAPHIC FINDINGS**

- Concerning hepatic hypoechoic target nodules
- Mildly enlarged spleen with scalloping contour
- Unremarkable abdomen otherwise

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**



**PATIENT**

Ultrasound guided FNA is strongly recommended. Round cell neoplasia is a strong potential in this patient.

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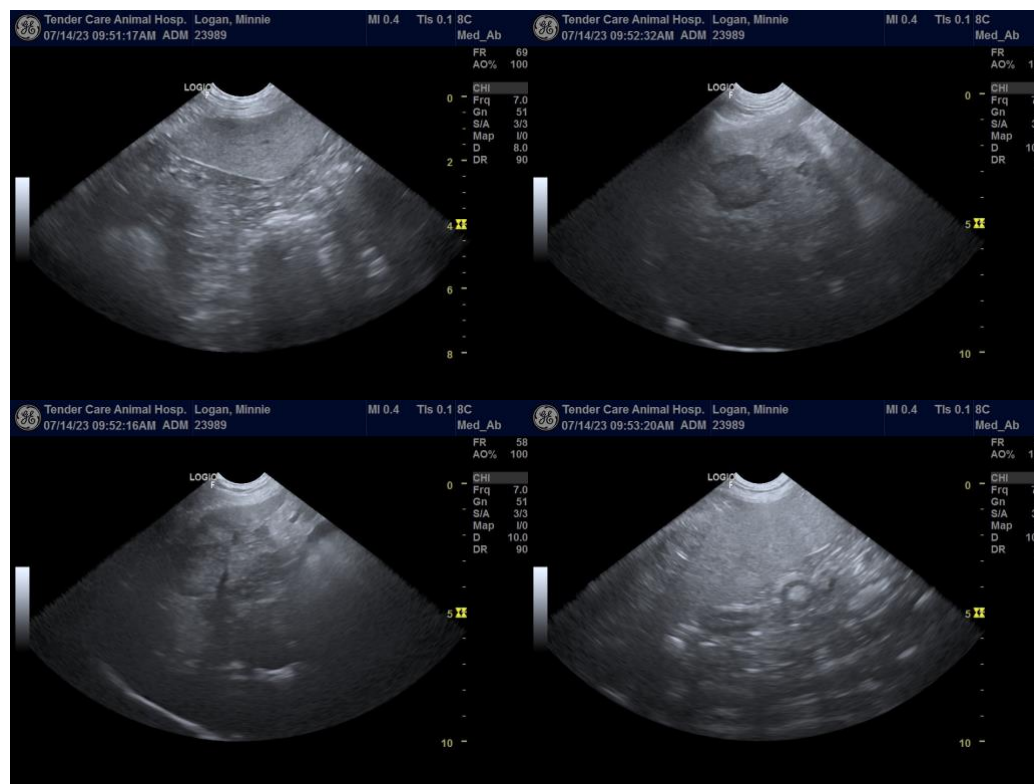
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**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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.

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
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