

**PATIENT PRESENTING CLINICAL SIGNS**

Leftie Ziegelheim Anemia, weight loss, hypo alb

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Canine Urinary System**

**BREED**

PWD

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

N/A

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**HOSPITAL NAME**

Franklin Lakes

**REFERRING VET**

Dr. Pomerantz

**INVOICE**

35610

**DATE**

2/11/22

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 visible urethra was normal to a depth of 3.0 cm.

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 left kidney measured 6.5 cm. The right kidney measured 6.65 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 2.14 cm x 0.76 cm. The right adrenal gland measured 3.07 cm x 1.57 cm at the cranial pole and 0.78 cm at the caudal pole.

**Spleen**

The **spleen** presented multifocal coalescing hypoechoic target lesions. Generalized splenomegaly noted. No evidence of rupture.

**Liver**

The **liver** revealed a 3.0 cm x 2.5 cm right lateral mildly hypoechoic nodule. The remainder of the liver was unremarkable.

**Gastrointestinal**

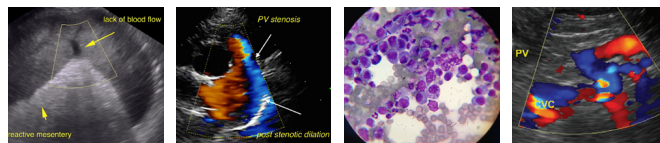
Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**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.

**ULTRASONOGRAPHIC FINDINGS**

- Infiltrative splenic pattern coalescing target lesions
- Target nodule in the liver
- Unremarkable abdomen otherwise



**PATIENT**

Leftie Ziegelheim

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound guided FNA of the spleen and liver performed without complication. Suspect round cell neoplasia or nodular hyperplasia of the liver.

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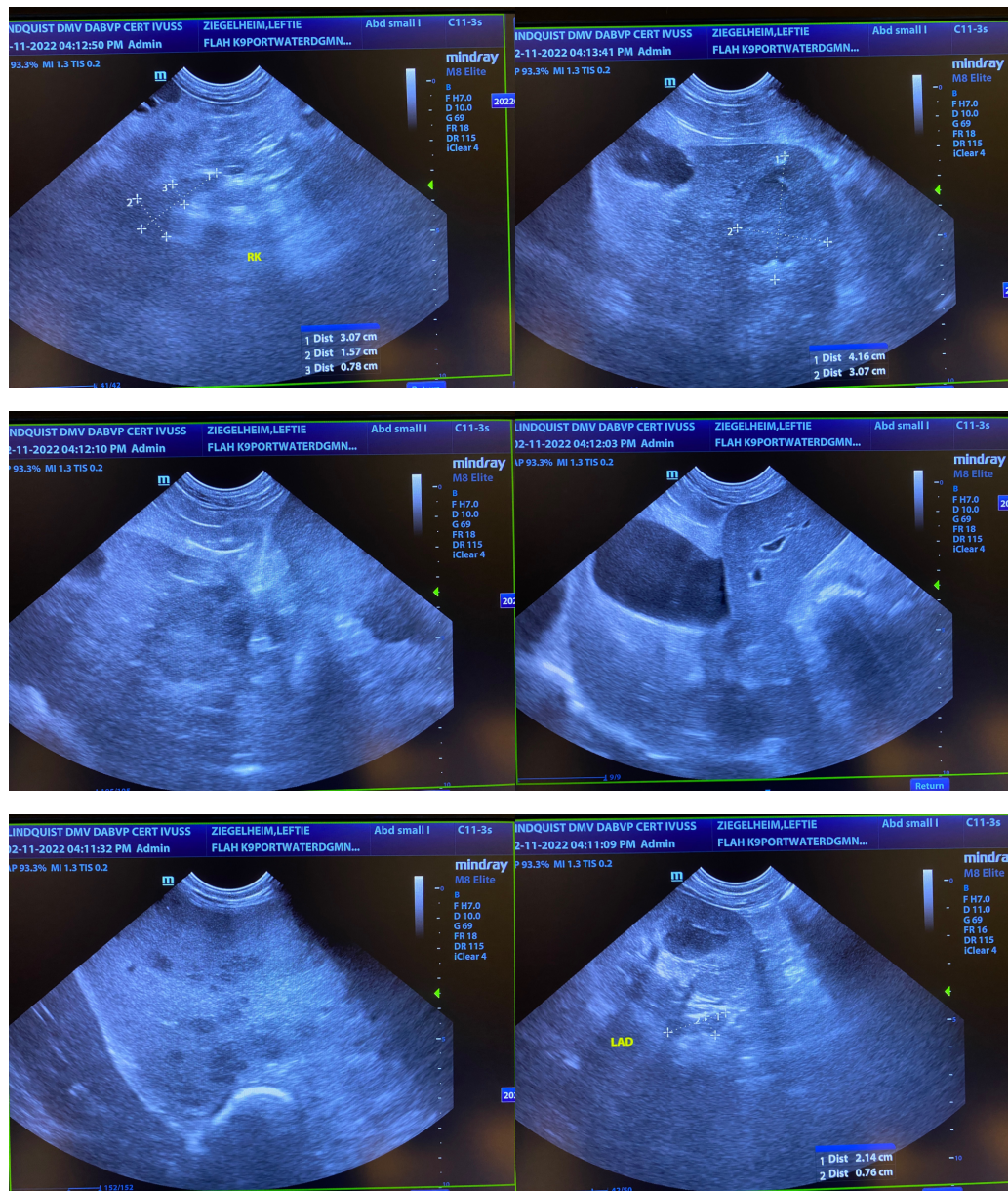
Dr. Pomerantz

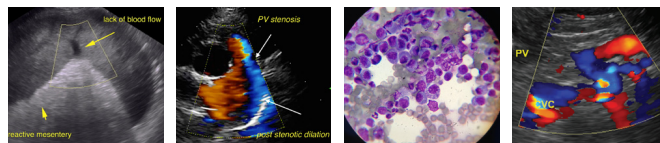
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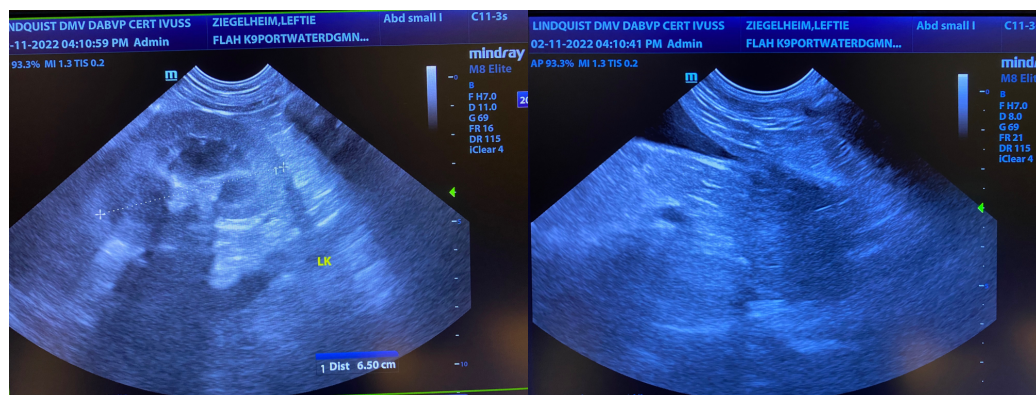
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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