



**PATIENT**

Bucket Knolmajer

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Spayed Female

**AGE**

12 Years

**WEIGHT**

14.6 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Diane McFadden

**HOSPITAL NAME**

Millburn Vet Hospital

**REFERRING VET**

Dr. Turowsky

**INVOICE**

37229

**DATE**

4/28/22

**PRESENTING CLINICAL SIGNS**

several day hx of anorexia and lethargy, concern over splenomegaly on rads  
Abnormal PE/Chem/CBC/UA Results: HCT 23.4%, retic 18 non-regen; SDMA 29, TP 10.7, glob 8.1;  
UA: protein 1+, wbc's 10-15, USPG 1.019

**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 **left kidney** presented thickened cortices and mild irregular contour. Minor enlargement. The left kidney measured 4.7 cm.

The **right kidney** revealed significant dystrophic changes and multiple infarcts, some of which are acute, with regional focal inflammation. The right kidney measured 2.52 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 right adrenal gland measured 0.41 cm. The left adrenal gland measured 0.41 cm.

**Spleen**

The **spleen** was enlarged and irregular with scalloping contour. Multifocal, hypoechoic, distorted target lesions noted. The spleen measured up to 1.7 cm in width.

**Liver**

The **liver** was swollen and irregular contour. Duplicated gallbladder noted.

**Gastrointestinal**

The upper gastrointestinal tract was unremarkable. Variable distal small intestinal thickening 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.

**Free Abdomen**

Multiple mesenteric and cranial abdominal distorted, hypoechoic lymph nodes noted in this patient. Regional inflammation noted. Free fluid noted in the cranial abdomen, likely owing to lymphatic obstruction.

**ULTRASONOGRAPHIC FINDINGS**

- Infiltrative pattern with multiple distorted lymph nodes, spleen, and possible liver involvement
- Regional inflammation noted throughout the cranial abdomen
- Duplicated gallbladder



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- Infarcted and dystrophic right kidney with active inflammation
- Compensatory hypertrophy left kidney

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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Recommend spleen, liver and lymph nodes in this patient. Multicentric round cell neoplasia such as lymphoma or mast cell disease likely

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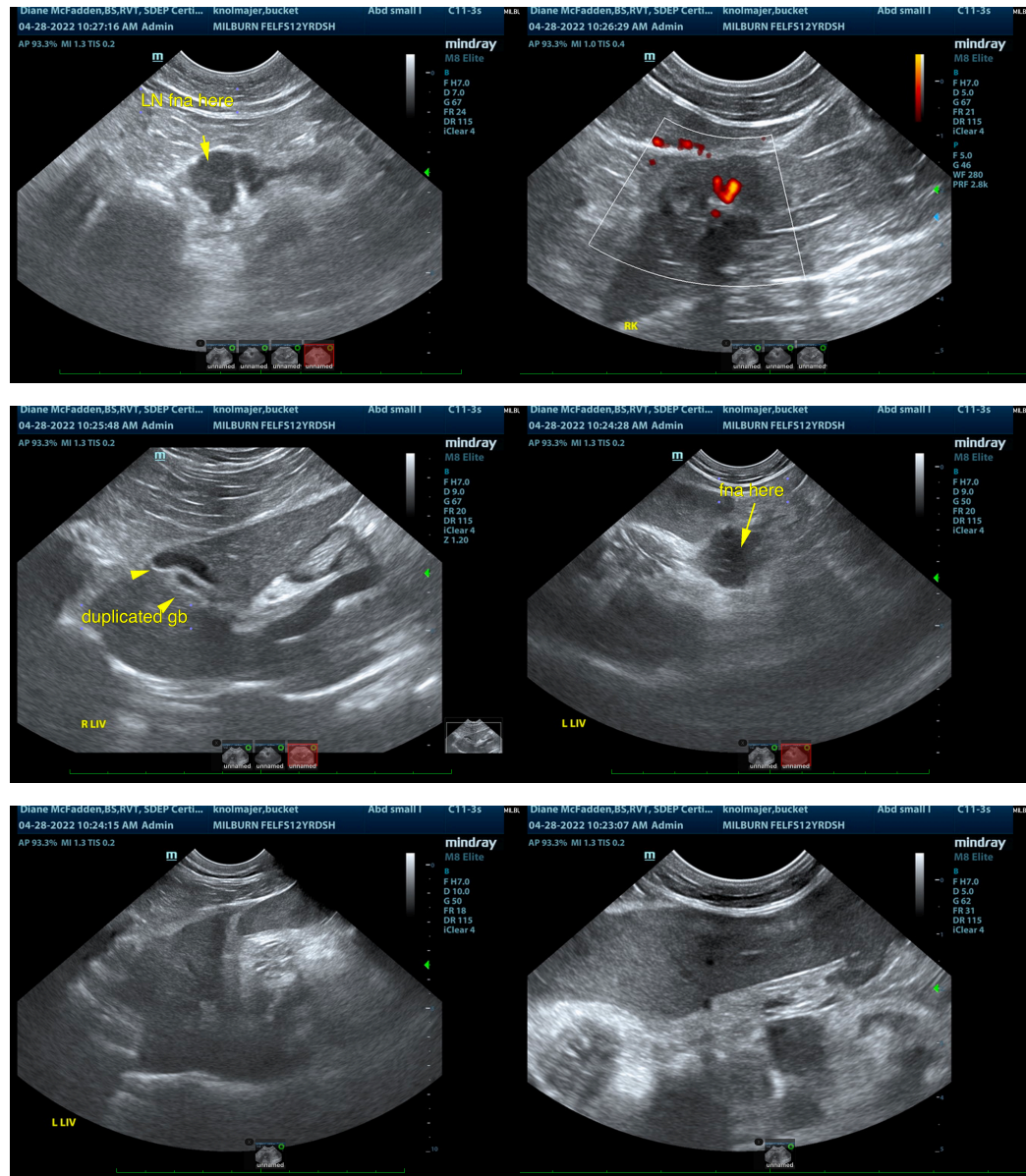
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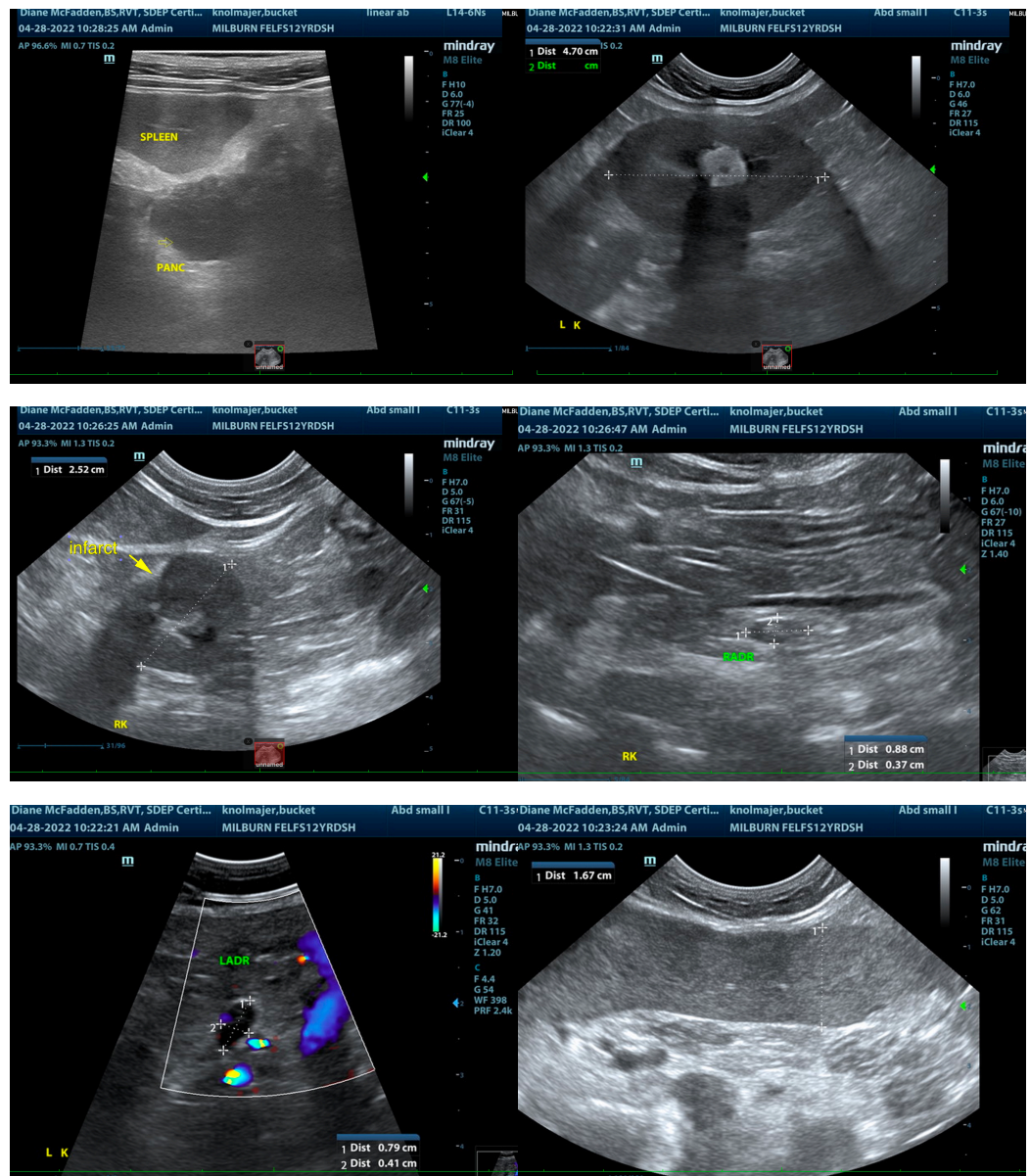
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

[info@SonoPath.com](mailto:info@SonoPath.com)