



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Stormy Grabiak **PRESENTING CLINICAL SIGNS** Vomiting for 48 hours. Not eating or drinking. Weak

**SPECIES** Canine **Abnormal PE/Chem/CBC/UA Results:** Pale mucous membrane, Abdomen tense. Xrays had limited detail possible due to abdominal fluid. Bloodwork normal. Free fluid noted on AUS.

**BREED** Lab **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.

**AGE** 10 Years **The kidneys** were swollen and hypervascular, surrounded by free fluid. The kidneys measured 7.0 cm each. Minor pyelectasia noted in the left kidney.

**Adrenal Glands**

**WEIGHT** 79 **The regions of the adrenal glands** were unremarkable.

**Spleen**

**INTERPRETED BY** Eric Lindquist, DMV **The spleen** was enlarged with scalloping contour and enhanced surrounding mesentery. The splenic hilus revealed thickened spleen vein, revealing a splenic thrombus. However, visibility was poor. It is possible that portal vein thrombosis may be causing secondary free fluid.

DABVP, Cert. IVUSS **Liver**

The **liver** was grossly normal without evidence of significant pathology. Only minor heterogeneous parenchyma. The gallbladder was unremarkable.

**IMAGING PERFORMED BY**

Dr. Ray Caughman

**Gastrointestinal**

**HOSPITAL NAME**

Dogwood AH

The **gastrointestinal tract** per se was unremarkable, yet some of the intestine was obscured by the omentum.

**Pancreas**

**REFERRING VET**

Dr. Ray Caughman

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.

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**Free Abdomen**

Heterogeneous omental changes noted with some nodular appearance.

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Free fluid noted in the abdomen of unknown source.

**ULTRASONOGRAPHIC FINDINGS**

- Splenic enlargement and splenic thrombus
- Heterogeneous omentum and free fluid
- Swollen, hypervascular kidneys
- Minor heterogeneous liver



**PATIENT**

Stormy Grabiak

**SPECIES**

Canine

**BREED**

Lab

**SEX**

Spayed Female

**AGE**

10 Years

**WEIGHT**

79

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Ray Caughman

**HOSPITAL NAME**

Dogwood AH

**REFERRING VET**

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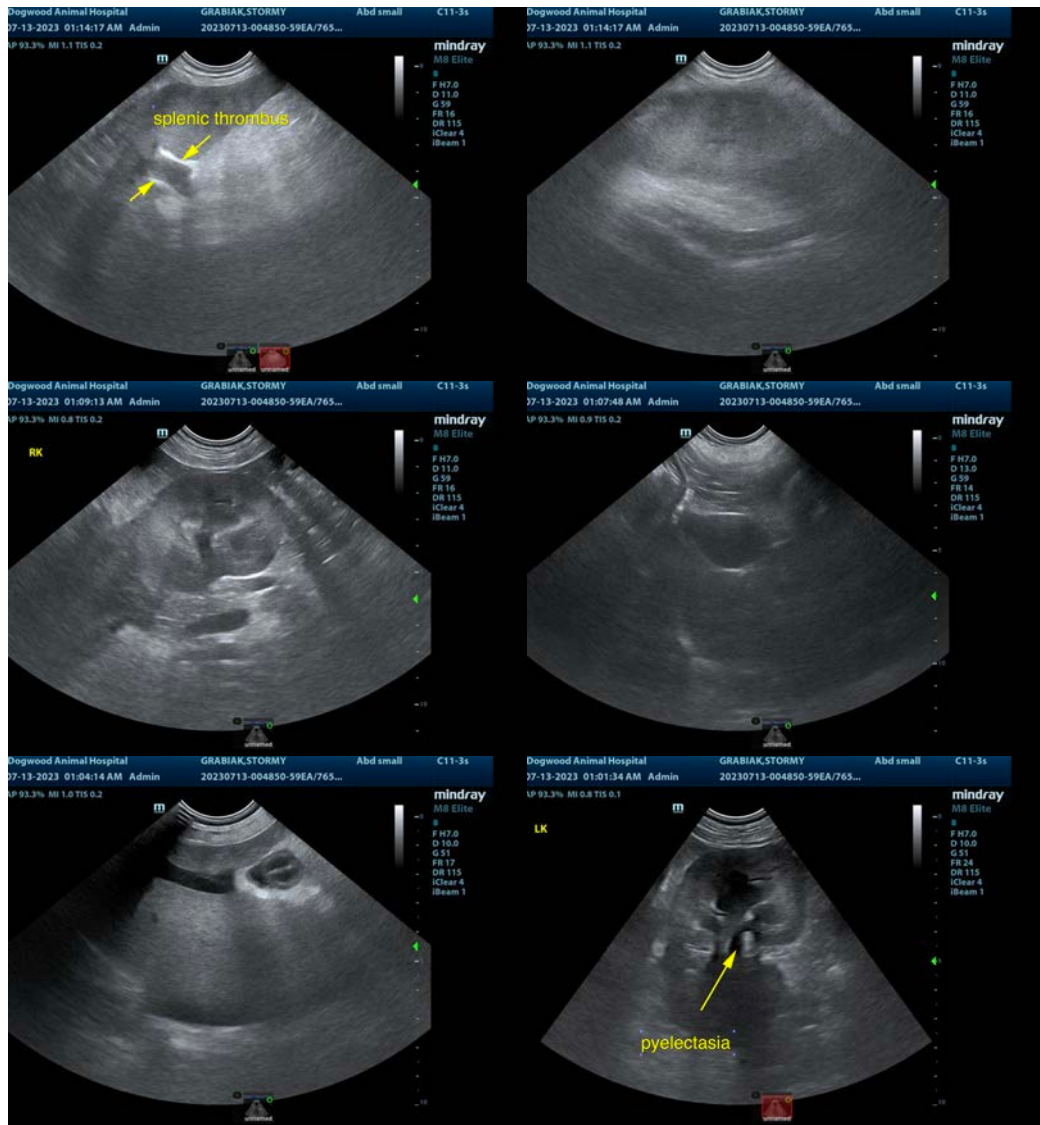
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Suspect lymphomatosis, carcinomatosis or similar. 25-gauge FNA of the spleen and cytospin of the free fluid recommended. If hemoabdomen is present, full coagulation panel warranted with d-dimers and FDP. No overt masses, however infiltrative disease within the spleen is possible such as mast cell disease or similar.





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**BREED**

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**SEX**

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**AGE**

10 Years

**WEIGHT**

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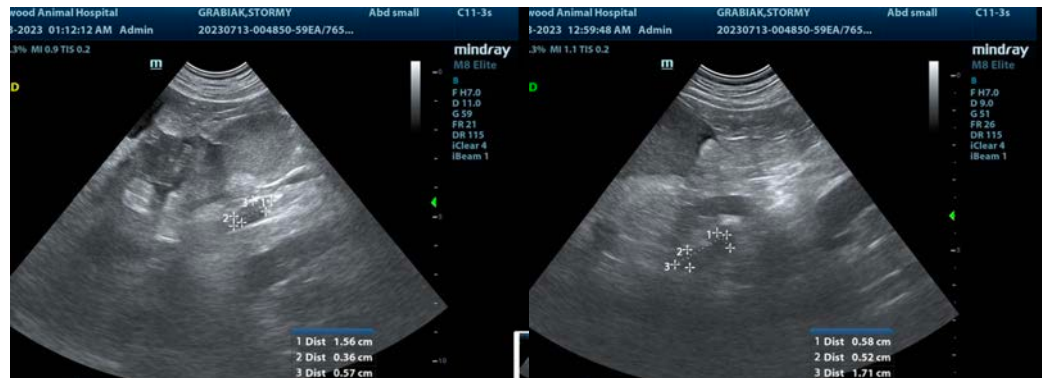
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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