



**PATIENT**

Molly Bussen

**PRESENTING CLINICAL SIGNS**

History: Patient presented yesterday with hemoabdomen. Inappetence with abdominal distention for 2 days prior to presentation. History of low platelets and generalized swelling on right hind limb.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

German Shepherd

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 was noted. Ureteral papillae were normal.

**SEX**

Spayed Female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.0 cm.

**AGE**

9 years

**WEIGHT**

78.5 lbs

**Adrenal Glands**

The **adrenal glands** were not visualized.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

The **spleen** revealed undulating contour and heterogenous parenchyma with surrounding free fluid.

**IMAGING PERFORMED BY**

Dr. Ugorji

**Liver**

The **liver** revealed multi-focal, hypoechoic, disruptive nodular changes with areas of microcystic lesions. Overt hepatic masses were noted and measured 4-6 cm. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal.

**HOSPITAL NAME**

Craig Road AH

**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.

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**PATIENT**

**Pancreas**

Molly Bussen

The **pancreas** itself was unremarkable with minor, heterogenous changes owing to fluid enhancement and regional inflammation deriving from the liver. Multiple, disruptive target type lesions are noted throughout the liver as well as areas of necrosis.

**SPECIES**

Canine

**Free Abdomen**

**BREED**

German Shepherd

A large amount of mildly echogenic, free fluid was noted in the abdomen.

**SEX**

Spayed Female

**ULTRASONOGRAPHIC FINDINGS**

Splenohepatic neoplastic pattern with free fluid. Paraneoplastic effusion/hemoabdomen is likely.

**AGE**

9 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound-guided FNA of the spleen and liver parenchymal lesions are recommended. The prognosis is poor.

**WEIGHT**

78.5 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Ugorji

**HOSPITAL NAME**

Craig Road AH

**REFERRING VET**

Dr. Ugorji

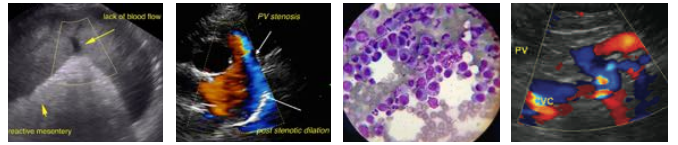
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**PATIENT**

Molly Bussen

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

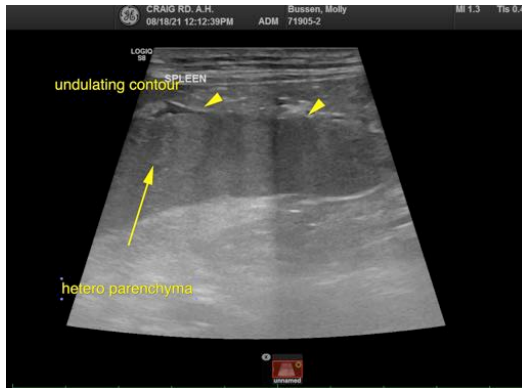
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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