



**PATIENT PRESENTING CLINICAL SIGNS**

Halle Becker Presented on ER today for inappetence today, diarrhea for past 2 weeks Has seen primary care and had full bloodwork but results not available; owner says there is a test pending regarding the liver. Pt has been on metronidazole which usually helps her when she has diarrhea but it does not seem to be helping.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Mildly dehydrated on PE and with elev Na 161 and Cl 138. Foul liquid diarrhea (brown, no blood). SNAP cPL was normal CBC was normal Remaining chems were not repeated today Abdominal radiographs show prominent spleen, stomach full of presumed ingesta (?), otherwise not remarkable Sample of free abd fluid was taken and cytospin prep was unremarkable/low cellularity; an FNA from the spleen was taken and submitted for cytology.

Canine

**BREED**

Silken Windhound

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**SEX *Urinary System***

Spayed Female 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**

9 Years

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.66 cm. The left kidney measured 6.3 cm.

**WEIGHT**

16.8 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

***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 0.49 cm. The right adrenal gland measured 0.66 cm at the caudal pole and 0.80 cm at the cranial pole.

**IMAGING PERFORMED BY**

Dr. Callihan

***Spleen***

The **spleen** was enlarged with micronodular changes and irregular contour, strongly suggestive for infiltrative disease. Enhanced surrounding mesentery was present.

**HOSPITAL NAME**

Animal Emergency  
Care

***Liver***

The **liver** was largely normal with minor increased portal markings and increased gallbladder echogenicity.

**REFERRING VET**

Dr. Ruark

***Gastrointestinal***

Examination of the **gastrointestinal tract** revealed variable submucosal increased echogenicity and thickness. Areas of minor muscularis thickening were noted. The stomach was filled with ingesta. Enhanced mesentery was noted throughout the cranial abdomen, primarily associated with gastrointestinal tract. Upper duodenal thickening also noted with spastic contour. Hyperperistalsis noted and areas of mucosal fogging.

**INVOICE**

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**DATE**

12/20/21



**PATIENT**

**Pancreas**

Halle Becker

Heterogeneous pancreatic changes were noted, primarily in the right limb. Obscured by some enhanced hyperechoic mesentery.

**SPECIES**

**Free Abdomen**

Canine

A minor amount of free fluid was noted in the abdomen.

**BREED**

Silken Windhound

**ULTRASONOGRAPHIC FINDINGS**

- Enlarged, irregular spleen – round cell neoplasia versus splenitis
- Lymphangiectasia pattern with concurrent chronic active pancreatitis and inflammatory bowel

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Spayed Female

Recommend assessment of the splenic aspirates, plasma expansion. Treatment for inflammatory bowel and pancreatitis warranted in the meantime. Prognosis is guarded depending upon cytology results.

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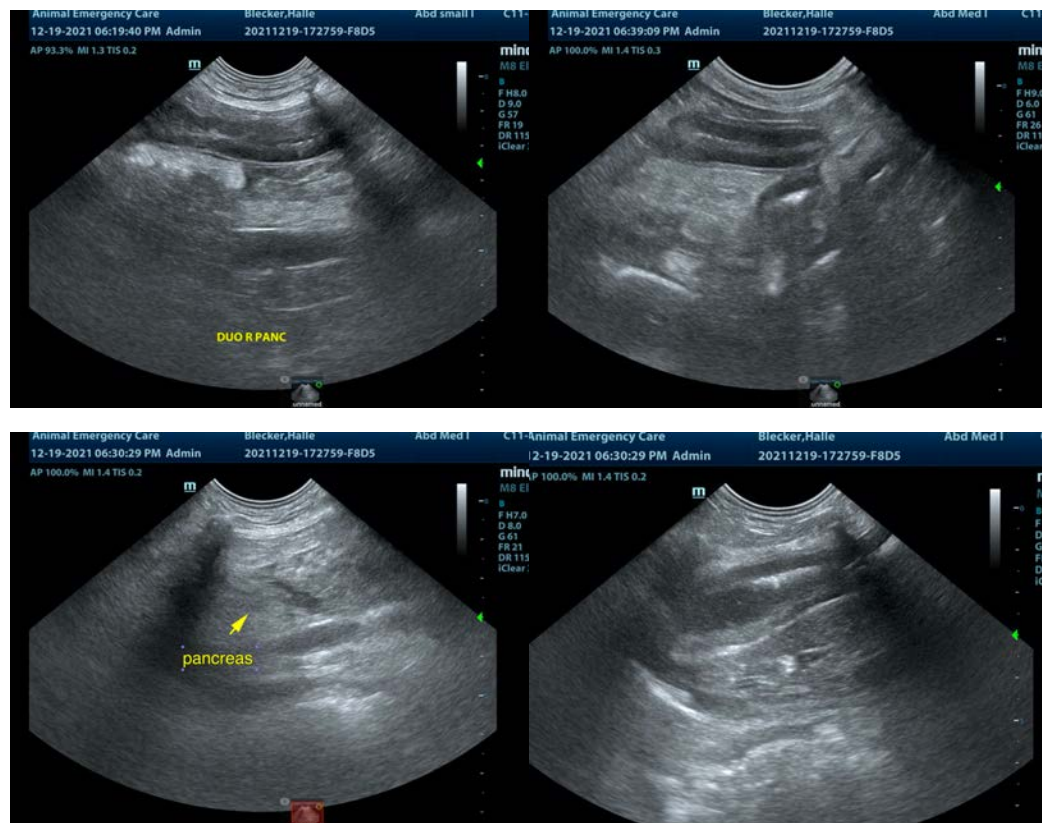
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**PATIENT**

Halle Becker

**SPECIES**

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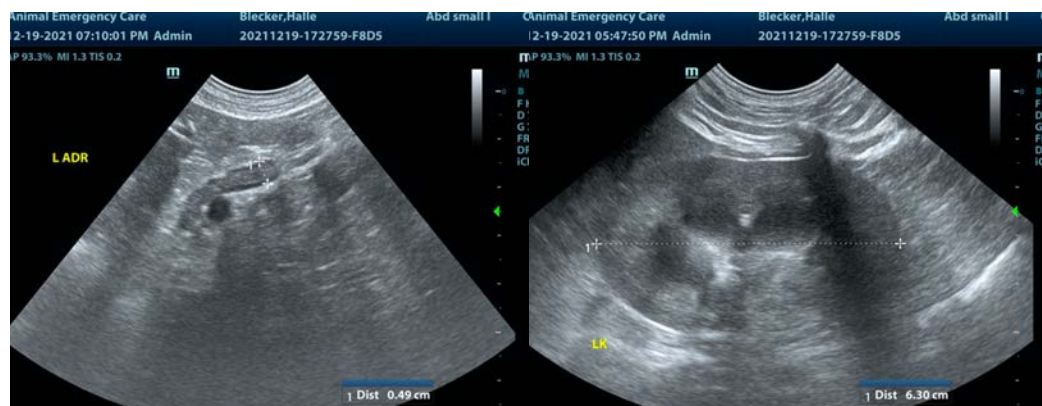
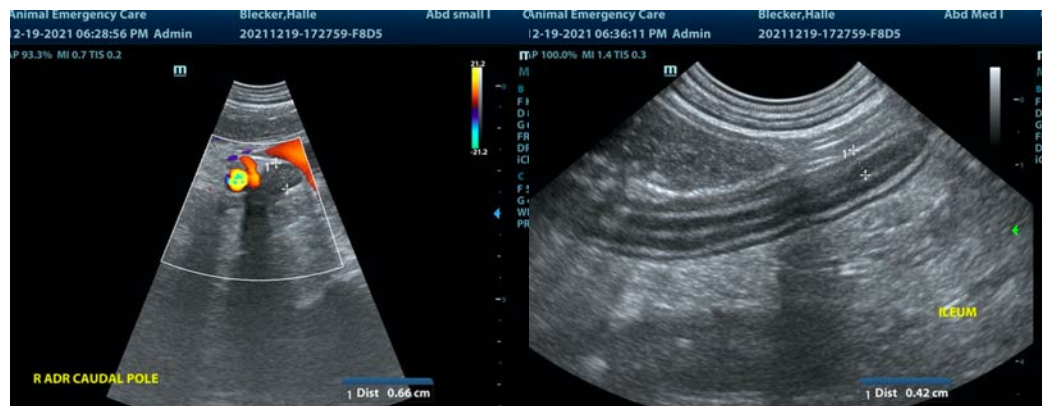
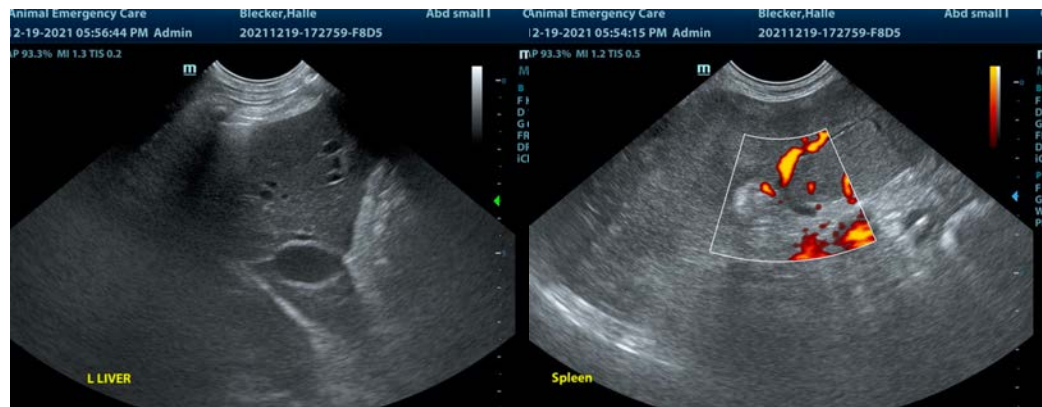
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**PATIENT**

Halle Becker

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.

**SPECIES**

Canine

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.

**BREED**

Silken Windhound

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
[info@SonoPath.com](mailto:info@SonoPath.com)

**SEX**

Spayed Female

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