



**PATIENT PRESENTING CLINICAL SIGNS**

Indie Smith GA for scan patient very fractious. History of vomiting last 24 -36 hrs . Fluid in SI on AFAST Attending concerned about FB

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

**BREED**

Golden Cross

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. 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 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 6.6 cm. The right kidney measured 6.59 cm.

**AGE**

18 months

**WEIGHT**

32 kg

**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 0.4 cm at the cranial pole and 0.47 cm at the caudal pole. The right adrenal gland measured 0.56 cm at the caudal pole and 0.57 cm at the cranial pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Belan

**Spleen**

The **spleen** in this patient was enlarged, folded upon itself and mildly heterogenous.

**HOSPITAL NAME**

Alpine 24/7 AH

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**REFERRING VET**

Dr. Zhao

**INVOICE**

30008

**Gastrointestinal**

**DATE**

4/28/22

The **gastrointestinal tract** revealed an edematous wall and hyperperistalsis with no loss of mural detail. Minor enhanced surrounding fat was noted around the regions of the gastrointestinal serosa. There was no evidence of foreign body or neoplastic criteria. Images from the stomach, small intestine and colon were presented. This is most consistent with gastroenteritis owing to viral, bacterial/endotoxin or



**PATIENT**

Indie Smith

possible parasitic disease. The colon was fluid filled. The mesenteric lymph nodes were enlarged, nodular and irregular. The length to width ratio was maintained and measured 1.36 cm in width x 2.5 cm.

**SPECIES**

Canine

**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.

**BREED**

Golden Cross

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Spayed Female

Mesenteric lymphadenopathy.

Gastroenteritis/colitis pattern.

**AGE**

18 months

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

FNA, cytology and culture of the mesenteric lymph nodes is warranted. Treatment for inflammatory bowel/gastroenteritis is recommended. There was no evidence of foreign body. Treatment for enterotoxins and parasitic disease is indicated as well empirically.

**WEIGHT**

32 kg

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**HOSPITAL NAME**

Alpine 24/7 AH

**REFERRING VET**

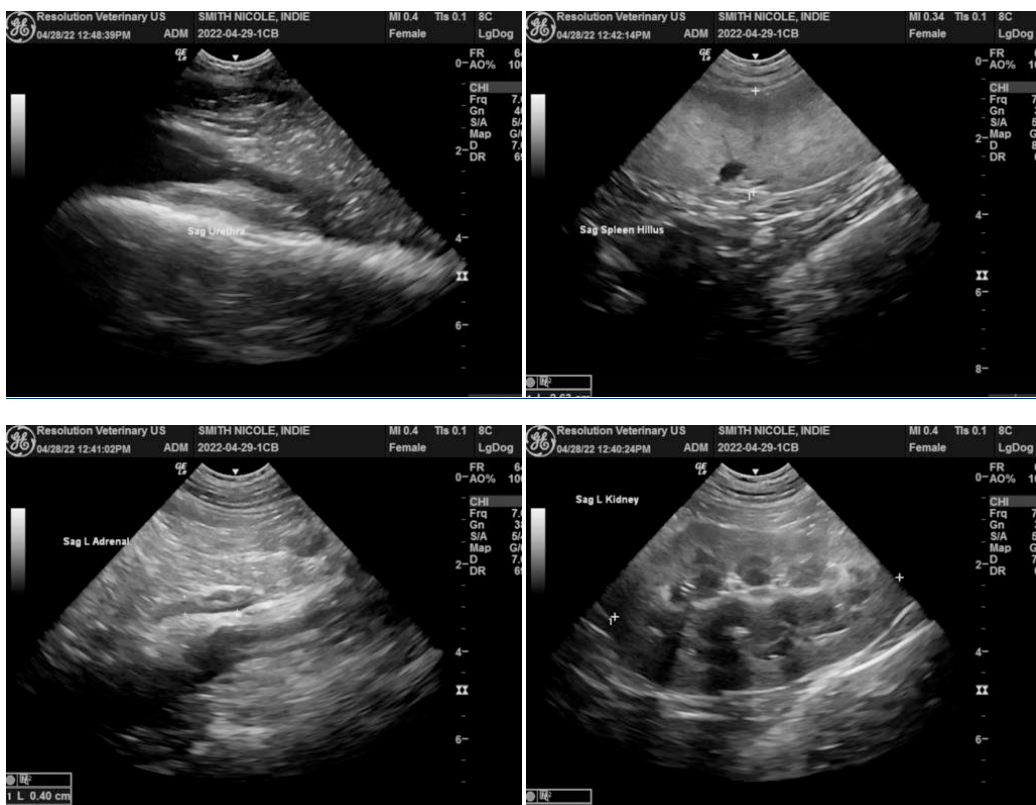
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**PATIENT**

Indie Smith

**SPECIES**

Canine

**BREED**

Golden Cross

**SEX**

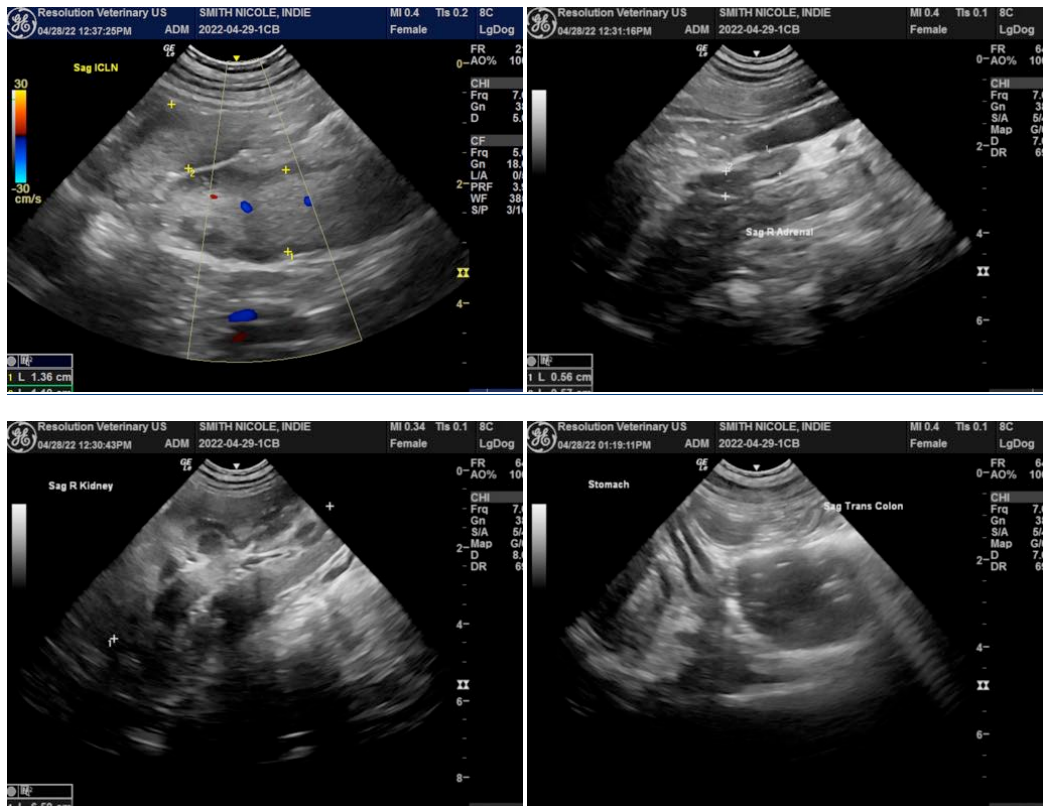
Spayed Female

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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.

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