



**PATIENT**

Archie Hopper

**PRESENTING CLINICAL SIGNS**

History: Anorexic lethargic severe elevation of bilirubin mild elevation of ALT

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Persian

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**

Neutered male

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 3.71 cm. The right kidney measured 4.03 cm.

**AGE**

5 years

**Adrenal Glands**

**WEIGHT**

3.2 kg

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 0.39 cm.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

The **spleen** was enlarged with scalloping contour and micronodular changes.

**IMAGING PERFORMED BY**

Dr. Belan

**Liver**

**HOSPITAL NAME**

Stoney Trial AH

The **liver** was swollen and heterogenous. The gallbladder and common bile duct were unremarkable.

**REFERRING VET**

Sr Huet

**Gastrointestinal**

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No evidence of obstruction was present. Reactive mesentery was noted around the small intestine. Regional lymphadenopathy was noted.

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**Pancreas**

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Feline

Hyperechoic changes were noted throughout the **pancreas** with surrounding enlarged lymph node measuring up to 0.56 x 1.0 cm.

**BREED**

Persian

**Free Abdomen**

A large amount of free fluid was noted.

**SEX**

Neutered male

**ULTRASONOGRAPHIC FINDINGS**

Diffuse intestinal thickening with reactive mesentery.

**AGE**

5 years

Multi-focal lymphadenopathy.

Swollen, irregular liver.

**WEIGHT**

3.2 kg

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Differentials include lymphomatosis, carcinomatosis, and FIP. Peritonitis is possible, yet less likely. Abdominocentesis and cytospin is warranted. FNA of the accessible lymph nodes, spleen and liver are all indicated for further definition. The prognosis is very guarded depending on cytology results.

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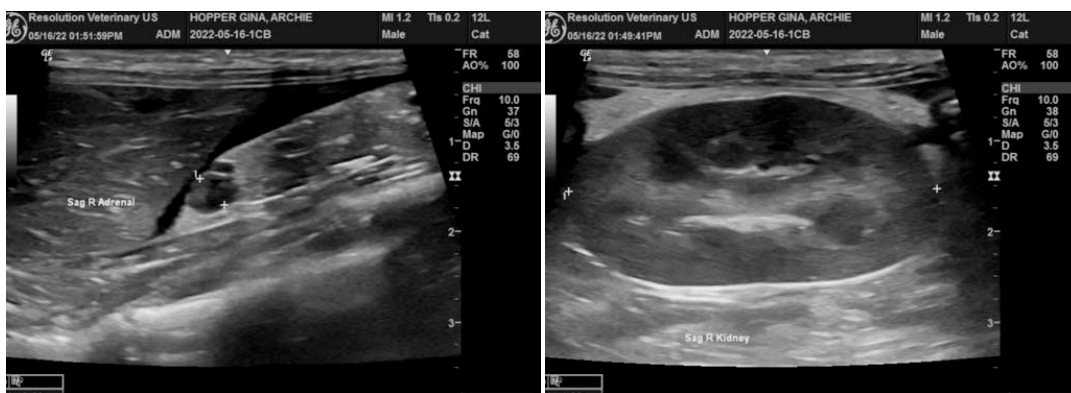
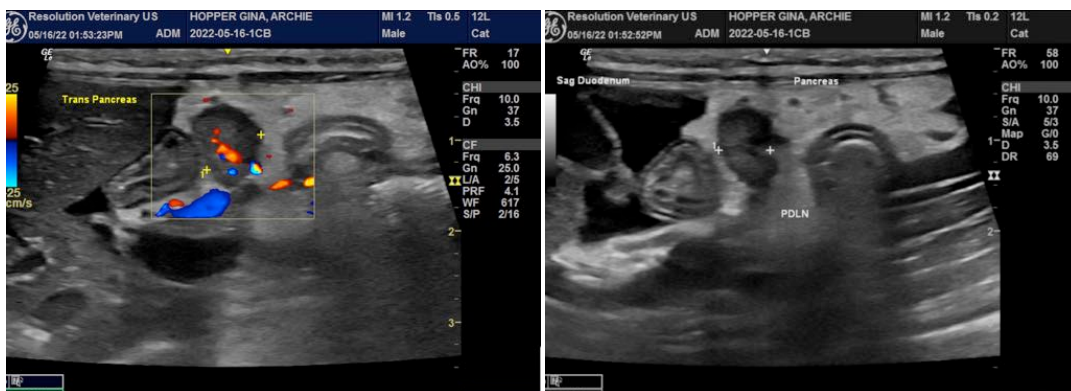
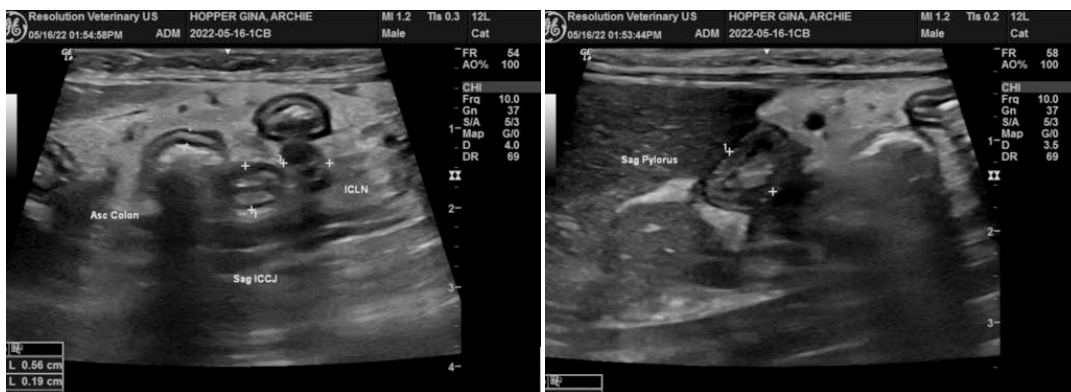
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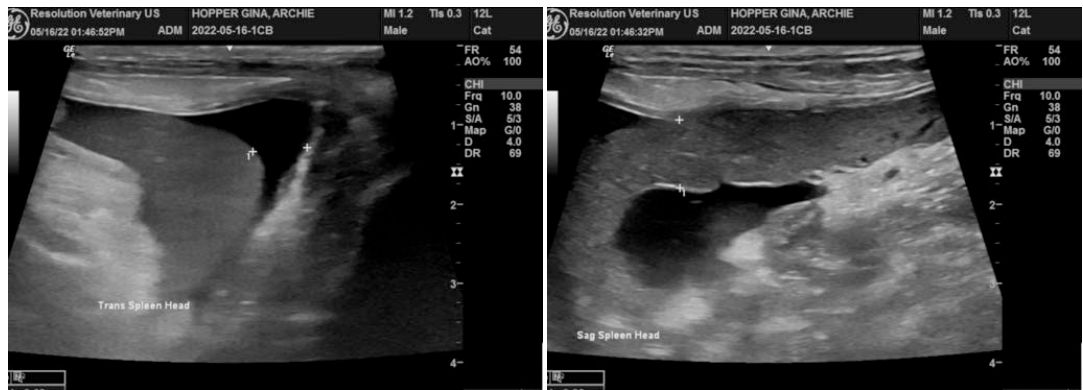
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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