



**PATIENT**

Missy Delgavio

**SPECIES**

Feline

**BREED**

Ragdoll

**SEX**

Spayed Female

**AGE**

10 Years

**WEIGHT**

~15 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert IVUSS

**IMAGING  
PERFORMED BY**

Denise Bruno, LVT,  
RDMS

**HOSPITAL NAME**

Farview AC

**REFERRING VET**

Dr. Mosaad

**INVOICE**

92261

**DATE**

10/07/21

**PRESENTING CLINICAL SIGNS**

History: not eating/drinking, vomiting suspect FB, neoplasia, pancreatitis

Last ate small amount @ 12:15 today

Mirataz + SQ fluids

Radiographs w/report, Labs attached

**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 was noted. Ureteral papillae were normal.

The **kidneys** revealed normal 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 right kidney measured 4.28 cm. The left kidney measured 4.27 cm.

**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 0.36 cm.

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

**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



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lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

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The pylorus revealed normal curvilinear patterns. The **stomach** was filled with gas and fluid. Gastric dilation continued into the pyloric outflow. There is a significant amount of stasis and minor pyloric wall thickening that measured 0.42 cm. The entire wall was not overtly visible. The epigastric lymph node was rounded, hypoechoic and enlarged measuring 0.91 cm. A separate epigastric node measured 1.6 x 0.26 cm. The lymph nodes are concerning for a possible neoplastic process.

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**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.

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**Free Abdomen**

A large amount of abdominal fat was noted.

**WEIGHT**

~15 lbs

**ULTRASONOGRAPHIC FINDINGS**

Lymphadenitis versus emerging lymphoma are the primary concerns.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert IVUSS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound-guided FNA of the accessible epigastric lymph nodes are recommended or full thickness lymph node and gastric biopsies. Manual assessment of the pyloric outflow for causes of pylori delay is recommended. In the visible plane there is no evidence of pyloric pathology.

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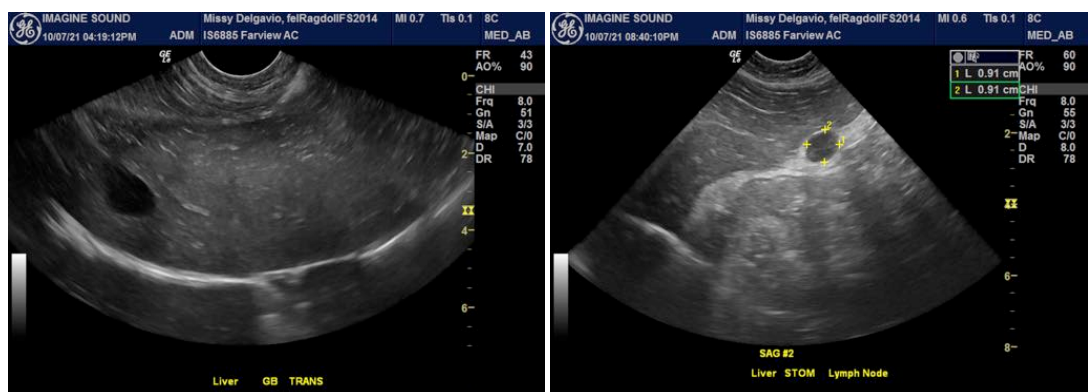
Dr. Mosaad

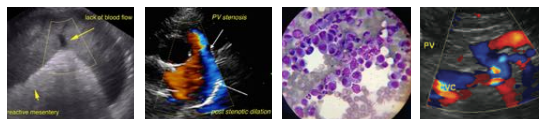
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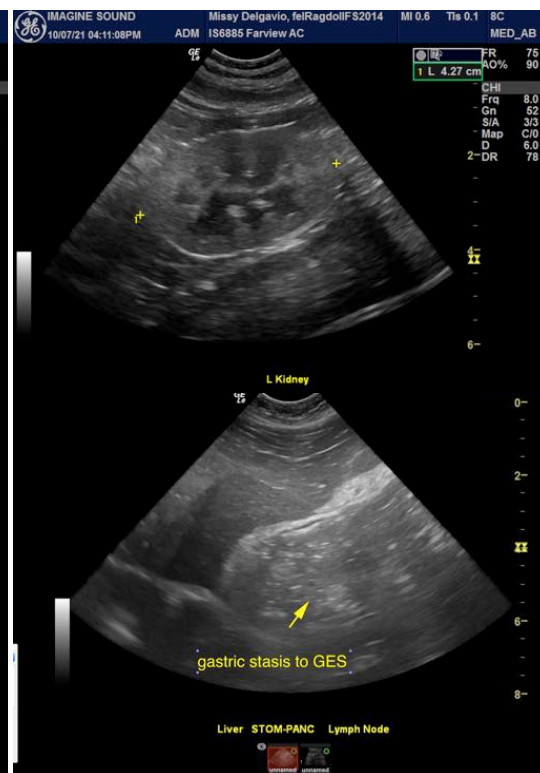
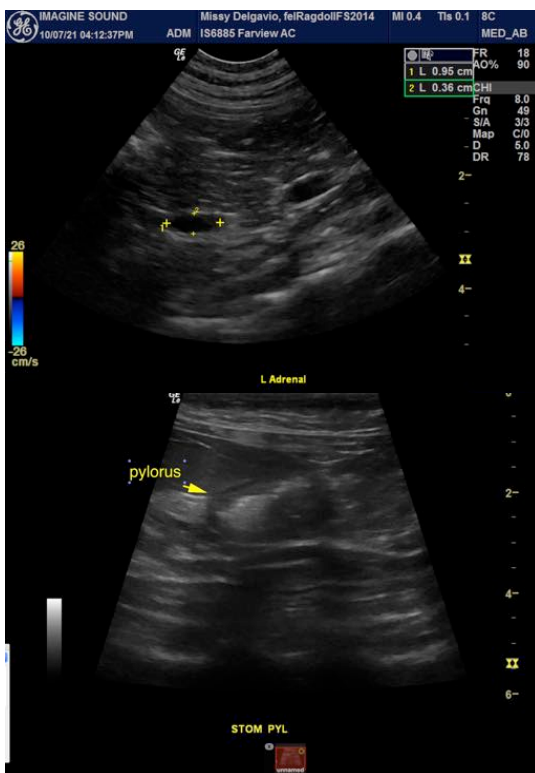
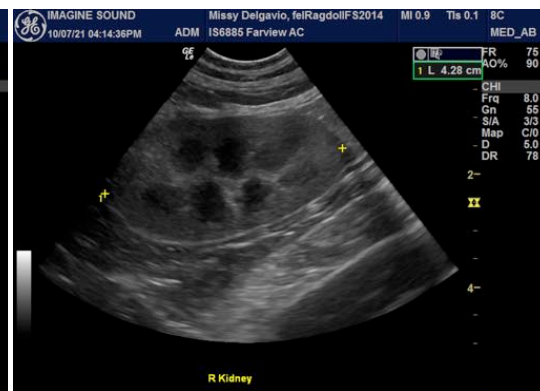
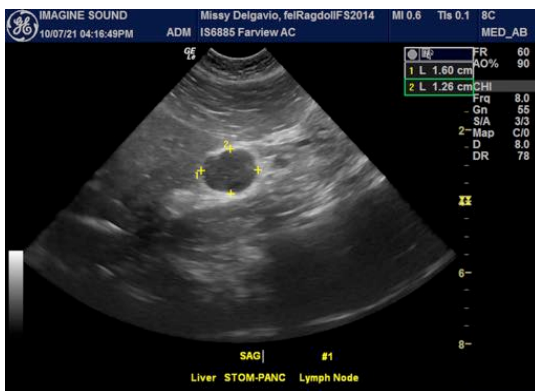
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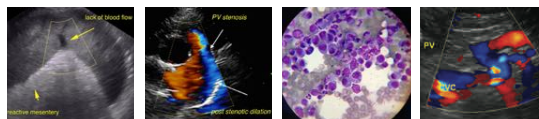
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The information and recommendations provided are based on the images stomped Lymp by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

Eric.Lindquist@SonoPath.com

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