



**PATIENT**

Fritz Alfonzo

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

Neutered Male

**AGE**

7 years

**WEIGHT**

56 lbs

**INTERPRETED BY**

Andrea Nicastro,  
DVM, Diplomate  
ACVIM (Small Animal  
Internal Medicine)

**IMAGING  
PERFORMED BY**

Melissa Pascucci

**HOSPITAL NAME**

American AH

**REFERRING VET**

Pascucci

**INVOICE**

14160

**DATE**

8.18.23

**PRESENTING CLINICAL SIGNS**

History: Inappetence (barely eating) for 1 week. Marked weight loss (was 71 lbs in June, 60 lbs last week, 56lbs today). Has chronic skin allergies and current skin infection-being treated

Abnormal PE/Chem/CBC/UA Results: Glob 5.0, Neu 1386, WBC 2.2 k

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and visible portion of the proximal urethra are normal.

The region of the prostate is not visualized due to its pelvic location.

The left kidney is normal in size (6.78 cm in length) with a normal shape, architecture and smooth peripheral margins. The cortex is isoechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney is normal in size (6.47 cm in length) with a normal shape, architecture and smooth peripheral margins. The cortex is isoechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal

**Adrenal Glands**

The left adrenal gland is normal in size (0.51 cm at cranial pole) (0.48 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The region of the right adrenal gland is evaluated. No obvious pathology is observed in this region.

**Spleen**

The spleen is normal in size (1.17 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

**Liver**

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

**Gastrointestinal**

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.



**PATIENT**

Fritz Alfonzo

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

Neutered Male

**AGE**

7 years

**WEIGHT**

56 lbs

**INTERPRETED BY**

Andrea Nicastro,  
DVM, Diplomate  
ACVIM (Small Animal  
Internal Medicine)

**IMAGING  
PERFORMED BY**

Melissa Pascucci

**HOSPITAL NAME**

American AH

**REFERRING VET**

Pascucci

**INVOICE**

14160

**DATE**

8.18.23

**Pancreas**

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

**Free Abdomen**

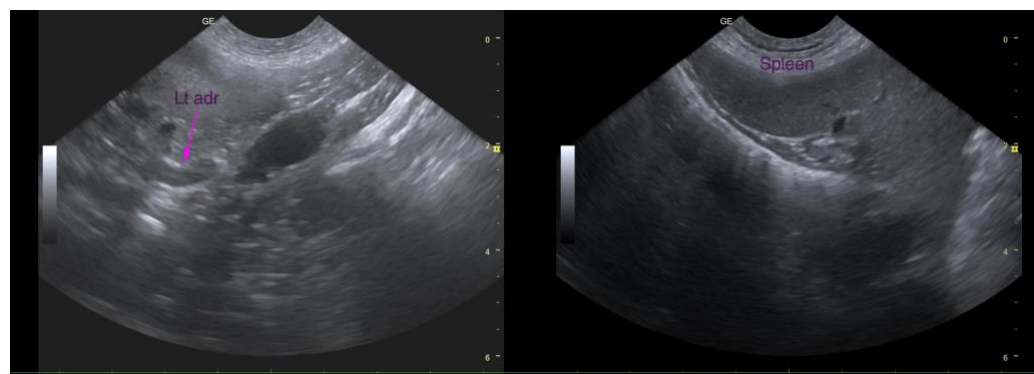
The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

**ULTRASONOGRAPHIC FINDINGS**

Unremarkable abdomen. An obvious cause for the patient's clinical signs is not definitively identified in this study. Considerations include occult neoplasia, maldigestion/malabsorption, orthopedic/neurologic disease, other.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Three-view thoracic radiographs are recommended to assess for occult neoplasia in the chest.
- Given the hyperglobulinemia, consider a serum protein electrophoresis.
- Orthopedic and neurologic examinations are also recommended.
- Given the CBC abnormalities, a clinical pathology review should be considered. Based on these results, a bone marrow aspirate may be indicated.
- Also consider a comprehensive tick panel.
- A Texas GI panel including serum cobalamin and folate, TLI, PLI and resting cortisol level may also be warranted to assess for maldigestion/malabsorption and pancreatic disease.
- A fecal evaluation for internal parasites is also recommended (if not already performed).





**PATIENT**

Fritz Alfonzo

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

Neutered Male

**AGE**

7 years

**WEIGHT**

56 lbs

**INTERPRETED BY**

Andrea Nicastro,  
DVM, Diplomate  
ACVIM (Small Animal  
Internal Medicine)

**IMAGING  
PERFORMED BY**

Melissa Pascucci

**HOSPITAL NAME**

American AH

**REFERRING VET**

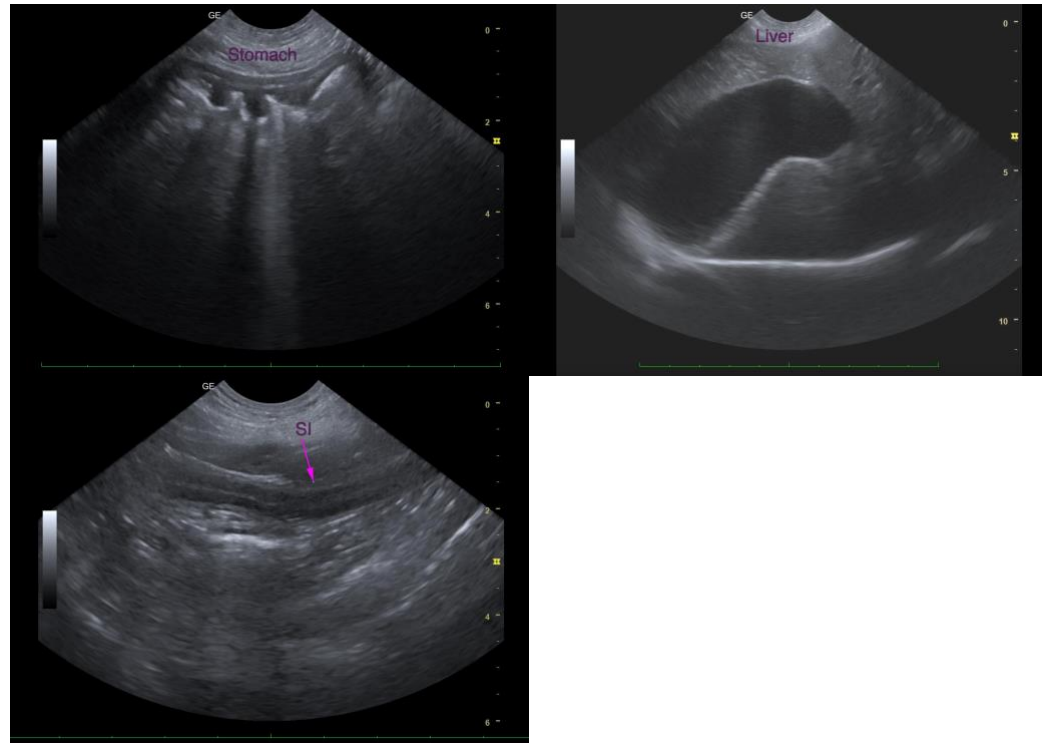
Pascucci

**INVOICE**

14160

**DATE**

8.18.23



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.

**Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)**  
[info@SonoPath.com](mailto:info@SonoPath.com)