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| PATIENT | PRESENTING CLINICAL SIGNS |
| Ryker Peterson | Not eating well over the last few weeks. Now refusing dog food. Owner is giving chicken and rice but he will only eat this if hand fed. Energy level is down and the radiograph today showed a loss of detail in the cranial abdomen. Dr. Faith suspects a mass. Seems to be drinking excessively and stool is becoming loose and dark in color. |
| SPECIES | |
| Canine | |
| BREED | ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN |
| Rottweiler Mix | <i>Urinary System</i> |
| SEX | The urinary bladder, trigone, cystourethral junction exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted. |
| Male | |
| AGE | No overt pathology associated with the prostate gland was noted. |
| 9 years | The area of the aortic trifurcation was free of pathology. |
| WEIGHT | Normal size and margination were present in the left kidney. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.6 cm in length. The right kidney was not definitively visualized. |
| 72 | |
| INTERPRETED BY | <i>Adrenal Glands</i> |
| R. McKenzie Daniel, DVM, DABVP (Canine and Feline) | The left adrenal gland was uniform in size and contour with a uniformly hypochoic parenchyma. The left adrenal gland measured 0.95 cm width at the caudal pole and 0.67 cm width at the cranial pole. The right adrenal gland was not definitively visualized. |
| IMAGING PERFORMED BY | <i>Spleen</i> |
| Sammy Burmeister and Dr. Faith | The spleen exhibited solitary mid to cranial hypochoic to mildly expansive mass measuring approximately 5.0 cm in diameter. |
| HOSPITAL NAME | <i>Liver/ Gallbladder</i> |
| Faith Animal Care | The liver exhibited generalized enlargement with multifocal, diffuse, variably sized to expansive hypochoic to nonhomogeneous mass lesions. Some of the lesions appeared to impinge upon the gallbladder, as well as distort the hepatic capsule. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal. |
| REFERRING VET | <i>Gastrointestinal</i> |
| Dr. Faith | Regional generalized severe gastric wall thickening and loss of gastric wall layer detail were present. The thickened gastric walls exhibited decreased echogenicity and an asymmetrical luminal surface. Mild retained anechoic fluid was present in the gastric lumen without evidence of foreign material. |
| INVOICE | The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. |
| 12971 | |
| DATE | |
| 1/5/22 | |



PATIENT

Normal visible colon wall layers were present with apparent formed feces in lumen.

Ryker Peterson

Pancreas

SPECIES

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

Canine

BREED

Free Abdomen

Rottweiler Mix

Generalized perisplenic and perihepatic reactive mesentery was present. Potential for hepatic and gastric lymphadenopathy is possible and potentially obscured by hepato-gastric pathology. No overt effusion was noted.

SEX

Male

ULTRASONOGRAPHIC FINDINGS

AGE

Primary Findings

9 years

- Hepatomegaly exhibiting multifocal, diffuse, variably sized to nodular masses
- Splenic mass
- Gastric mural mass

WEIGHT

72

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)

Unfortunately, the sonographic findings in this case are consistent with multicentric neoplasia involving the generalized liver, stomach, and regional spleen. A multicentric round cell neoplasia, likely lymphoma, is considered probable.

IMAGING PERFORMED BY

Sammy Burmeister and Dr. Faith

Assuming normal clotting status, ultrasound-guided FNA of the liver and gastric mural mass could be considered for screening cytology and potential for oncology consultation. This case is nonsurgical. An unfavorable prognosis is unfortunately indicated.

HOSPITAL NAME

Faith Animal Care

REFERRING VET

Dr. Faith

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PATIENT

Ryker Peterson

SPECIES

Canine

BREED

Rottweiler Mix

SEX

Male

AGE

9 years

WEIGHT

72

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Sammy Burmeister
and Dr. Faith

HOSPITAL NAME

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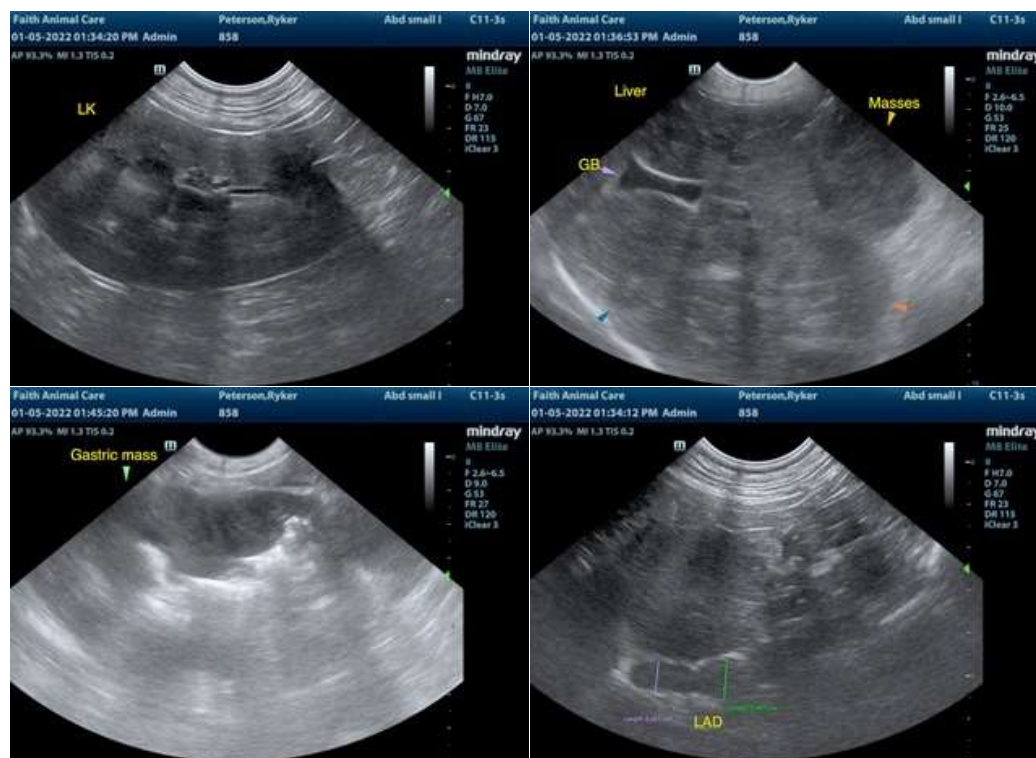
Dr. Faith

INVOICE

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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.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com