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|--|---|
| PATIENT | PRESENTING CLINICAL SIGNS |
| Ruka Rackliff | Persistent cough, weight loss and muscle wasting. Has worsened in past few days, now is not eating and straining to defecate. |
| SPECIES | Abnormal PE/Chem/CBC/UA Results: PE: muscle wasting, mild potbelly, quiet. + Murphy with any pressure on mid to cranial abdomen. RADS (attached): mass effect cranial abdomen, displacing stomach caudally. BW: ALP mildly elevated. |
| Canine | |
| BREED | ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN |
| Border Collie X | Urinary System |
| SEX | The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm 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 were noted. |
| Spayed Female | Kidneys |
| AGE | Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Focal areas of non-obstructive medullary mineralization were noted along with small caudal left kidney cortical cyst. The right kidney measured 6.9 cm. The left kidney measured 6.5 cm. |
| 14 Years | |
| WEIGHT | The area of the aortic trifurcation was free of pathology. |
| 50 Pounds | Adrenal Glands |
| INTERPRETED BY | No overt pathology noted in the area of the left and right adrenal glands. |
| R. McKenzie Daniel, DVM, DABVP (Canine and Feline) | Spleen |
| IMAGING PERFORMED BY | The spleen exhibited generalized yet variable enlargement owing to multiple expansive to non-expansive, non-homogeneous masses to nodular mass lesions. Example of expansive splenic mass measured 7.0 cm x 4.5 cm. Example of parenchymal nodule or mass lesion in the spleen without associated capsule expansion or distortion measured 3.1 cm x 1.8 cm. Multiple hypoechoic parenchymal changes and non-homogeneous splenic parenchyma also present. Normal splenic vascularity. |
| Dr. Ebersole | Liver |
| HOSPITAL NAME | The liver exhibited generalized enlargement with asymmetrical contour owing to multifocal variably sized to expansive non-homogeneous masses. Example of left liver mass measured 10.0 cm x 7.5 cm. Example of right liver mass measured 9.0 cm x 8.0 cm. The gallbladder was non-distended in size with mild, echogenic, non-mineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation. |
| Scanvet | |
| REFERRING VET | Gastrointestinal |
| Dr. Perkins | The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. |
| INVOICE | Small Intestine |
| 25828 | 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. |
| DATE | Colon |
| 9/27/21 | Normal visible colon wall layers were present with apparent formed feces in lumen. |



PATIENT *Pancreas*

Ruka Rackliff
Sonographic assessment of the pancreas was limited owing to regional peripancreatic omental artifact. No overt evidence of pancreatic pathology.

SPECIES *Free Abdomen*

Canine
Generalized mid to cranial abdominal reactive mesentery was noted along with generalized mild peritoneal free fluid. No evidence of concurrent lymphadenopathy, although potential for non-visualized mesenteric lymphadenopathy is possible.

BREED

Border Collie X

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Multicentric hepatosplenic neoplasia
- Associated mid to cranial abdominal, primarily perisplenic to perihepatic reactive mesentery, and associated peritoneal free fluid

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

14 Years

The study is consistent with multicentric hepatosplenic neoplasia. Primary concern for multicentric sarcoma versus other neoplasia such as round cell neoplasia possible. Potential for regional perihepatic to perisplenic omental seeding is possible, though not definitive. Regardless, the multicentric nature of the neoplasia precludes surgical options in this case. Pending hepatosplenic cytology, oncology consult could be considered. However, unfortunately an unfavorable prognosis is indicated.

WEIGHT

50 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

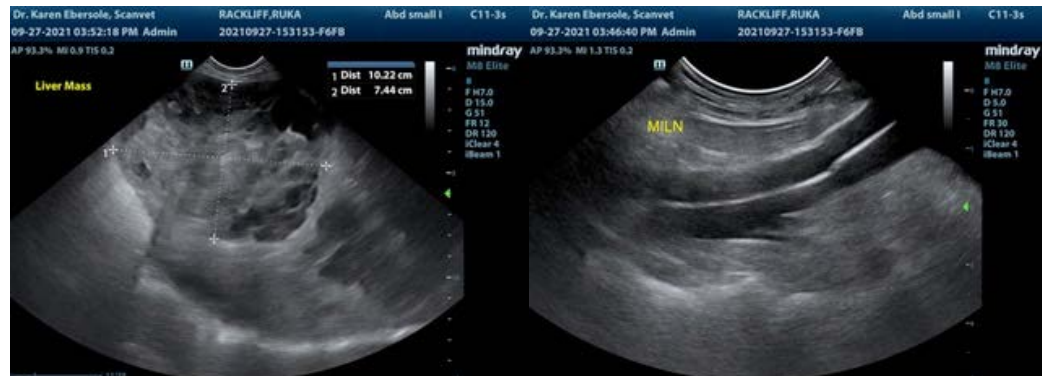
Dr. Perkins

INVOICE

25828

DATE

9/27/21





PATIENT

Ruka Rackliff

SPECIES

Canine

BREED

Border Collie X

SEX

Spayed Female

AGE

14 Years

WEIGHT

50 Pounds

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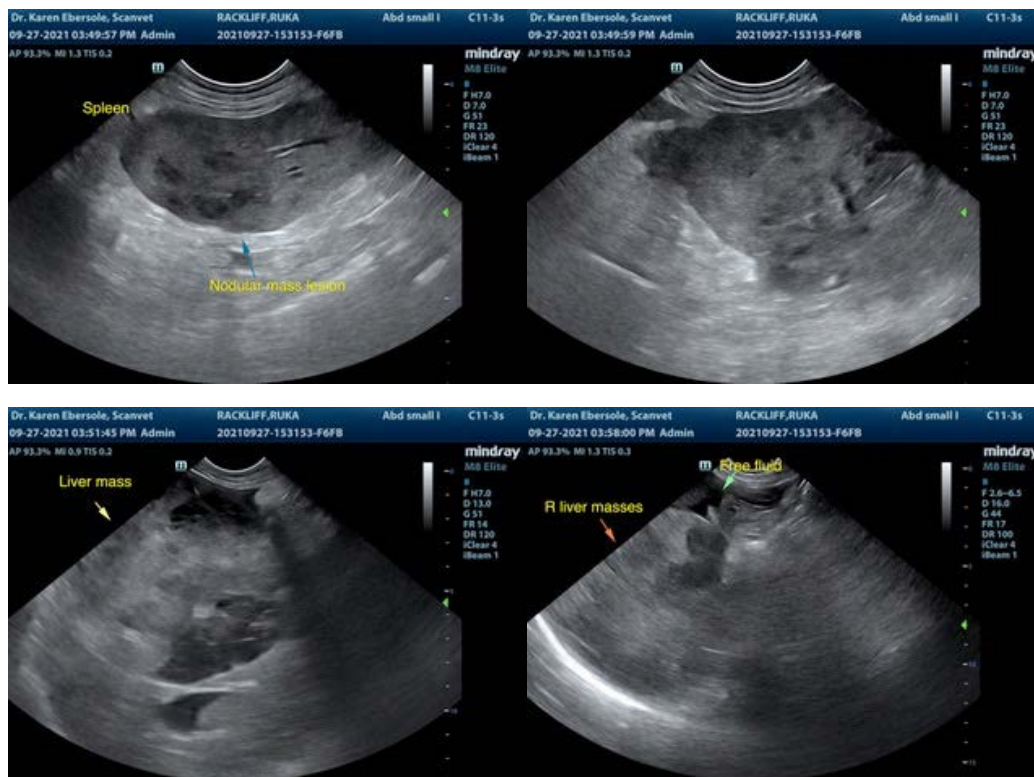
Dr. Perkins

INVOICE

25828

DATE

9/27/21



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)
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