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| PATIENT | PRESENTING CLINICAL SIGNS |
| Stormy Merrill | History of spine/back issues, hip pain/stiffness, chronic/intermittent diarrhea and occasional vomiting/decrease appetite, occasional weight loss. On rectal palpation, felt like firm, painful enlargement of right lateral wall of colon btw anus and prostate. Possible pulse/pulsation palpated on left lateral wall of colon btw anus and prostate. Prostate itself palpated normal. |
| SPECIES | Abnormal PE/Chem/CBC/UA Results: 8/24/2021 All values elevated unless noted otherwise TOTAL PROTEIN 7.8g/dL ALBUMIN 3.1g/dL (normal) GLOBULIN 4.7g/dL A/G RATIO 0.7 (low) AST (SGOT) 93IU/L CHOLESTEROL 341mg/dL PrecisionPSL 162U/L WBC 24.7103/ μ L Neutrophils 20254 / μ L |
| Canine | Monocytes 1976 / μ L Specific Gravity 1.051 Protein 2+ WBC 21-50HPF Bacteria Cocci and Rods 26-50HPF SQUAMOUS EPITHELIA 2-3HPF Fat Droplets 11-20HPF |
| BREED | |
| Standard Poodle | |
| | ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN |
| SEX | <i>Urinary System</i> |
| NM | The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 5.0 cm exhibited normal thickness and tone. Focal areas of urinary bladder mineral to small calculi were present. Anechoic urine was present in the lumen. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted. |
| AGE | |
| 11 Years | No overt pathology in the area of the residual prostate. |
| WEIGHT | Normal size and margination was 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. Both kidneys exhibited solitary to multifocal variably sized well demarcated hypoechoic nodules. An example of a left kidney nodule measured 2.5 x 2.4 cm. An example of a right kidney nodule measured 1.7 x 1.3 cm. No evidence of pelvic dilation was present. Pinpoint medullary mineralization was present in both kidneys. The left kidney measured 7.1 cm in length. The right kidney measured 6.5 cm in length. |
| 53 lbs | |
| INTERPRETED BY | <i>Adrenal Glands</i> |
| R. McKenzie Daniel, DVM, DABVP (Canine and Feline) | The left and right adrenal glands were not definitively visualized. |
| IMAGING PERFORMED BY | <i>Spleen</i> |
| Dr. Robyn Lantz | The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present. Multiple variably sized to mildly expansive hypoechoic splenic nodules were present. An example of a splenic nodule measured 2.4 x 2.3 cm. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease. |
| HOSPITAL NAME | <i>Liver/ Gallbladder</i> |
| Eastgate Veterinary Clinic | The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. Multiple well demarcated hypoechoic hepatic parenchymal nodules were present. An example of liver nodule measured 1.7 x 1.7 cm. |
| REFERRING VET | |
| Dr. Robyn Lantz | |
| INVOICE | |
| 47417 | |
| DATE | The gallbladder was non distended in size with mild echogenic, nonmineralized gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation. |
| 9-17-21 | |



PATIENT

Gastrointestinal

Stormy Merrill

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.

SPECIES

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.

Canine

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

BREED

Pancreas

Standard Poodle

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 was evident.

SEX

Free Abdomen

NM

Large expansive to lobulated hypoechoic to mildly mixed echogenic mass occupying the area adjacent to the iliac trifurcation was present. The mass exhibited potential for concurrent cystic component. The mass measured approximately 5.6 x 3.0 cm.

AGE

11 Years

Possible focal concurrent hypoechoic to swollen medial iliac lymphadenopathy was present.

No peritoneal effusion was present.

WEIGHT

53 lbs

Rapid view of the heart revealed no overt evidence of pericardial masses or effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

- Hypoechoic nonhomogeneous to expansive mass in the area of the iliac trifurcation with potential concurrent medial iliac lymphadenopathy.
- Hepatic, splenic, and renal hypoechoic nodules.

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

IMAGING PERFORMED BY

Dr. Robyn Lantz

HOSPITAL NAME

Eastgate Veterinary
Clinic

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This study is consistent with multicentric neoplasia involving a likely primary mass in the area of the iliac trifurcation with hepatic, splenic, and bilateral renal metastasis as well as potential medial iliac lymphadenopathy. Lymphoma, sarcoma, or other possible.

Assuming normal clotting status, ultrasound guided FNA of the iliac trifurcation mass +/- hepatosplenic FNA for further clarification may be considered with potential for oncology consult. Three view chest radiographs recommended.

REFERRING VET

Dr. Robyn Lantz

This case does not appear to be surgical. Very guarded to likely unfavorable long term prognosis is unfortunately indicated.

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PATIENT

Stormy Merrill

SPECIES

Canine

BREED

Standard Poodle

SEX

NM

AGE

11 Years

WEIGHT

53 lbs

INTERPRETED BY

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REFERRING VET

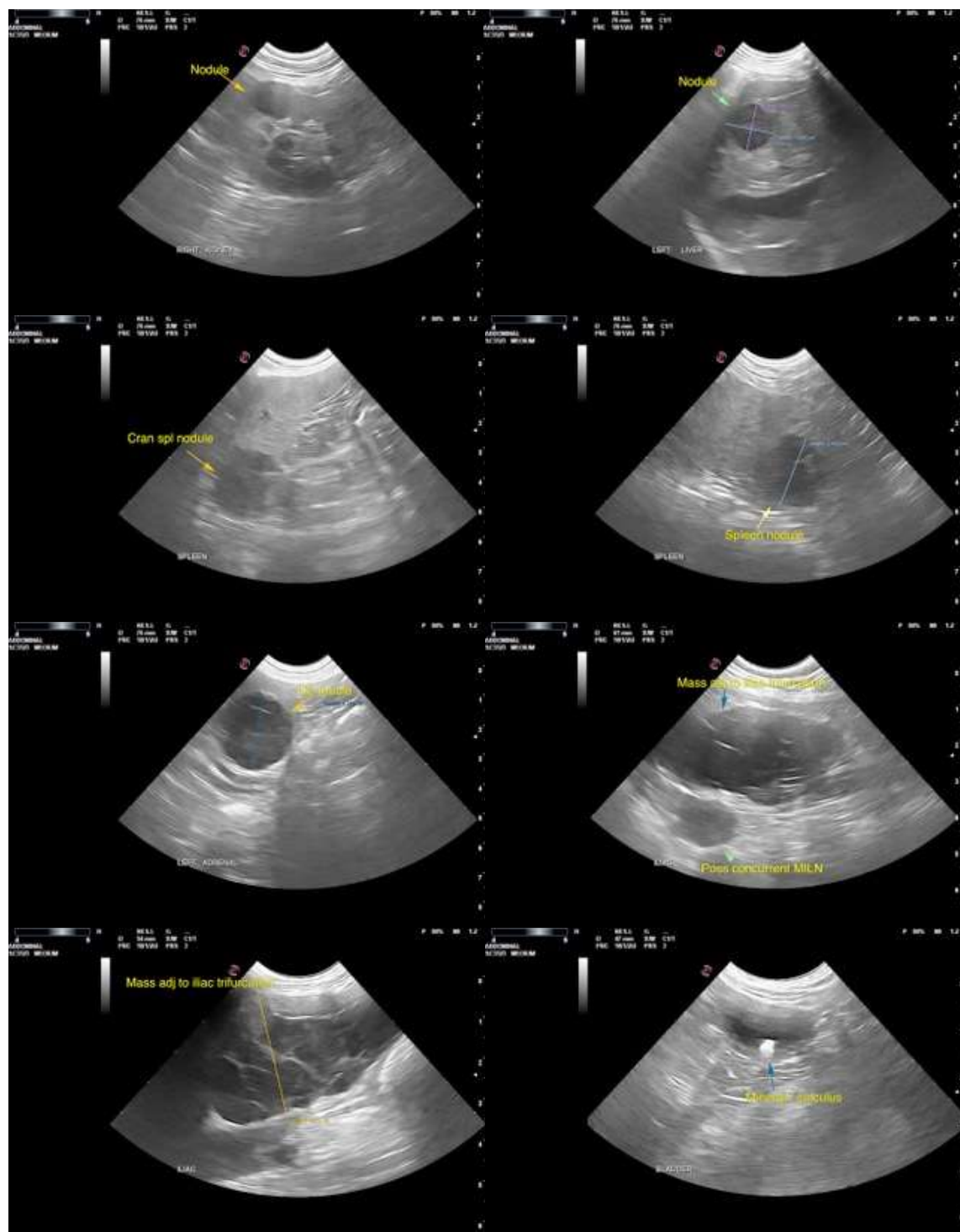
Dr. Robyn Lantz

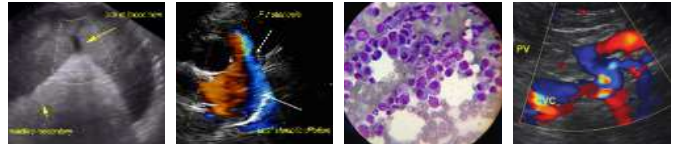
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PATIENT

Stormy Merrill

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.

SPECIES

Canine

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.

BREED

Standard Poodle

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

SEX

NM

AGE

11 Years

WEIGHT

53 lbs

INTERPRETED BY

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DVM, DABVP
(Canine and Feline)

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