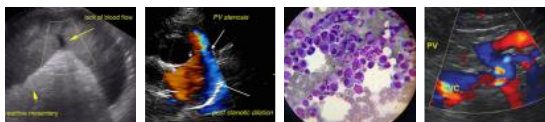


PATIENT	PRESENTING CLINICAL SIGNS
Stretch Popowich	History: PU/PD GI upset History of Pica Turgid abdomen, sometimes painful Rads are 4-hour post barium
SPECIES	Abnormal PE/Chem/CBC/UA Results: Non regenerative anemia Mild thrombocytopenia
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	<i>Urinary System</i>
Beauceron	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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.
SEX	No overt pathology in the area of the residual prostate or aortic trifurcation.
Neutered Male	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. The left kidney measured 8.0 cm in length. The right kidney measured 8.4 cm in length.
AGE	<i>Adrenal Glands</i>
10 Years	A hypoechoic ovoid mass was present in the left adrenal gland, measuring 4.0 cm x 3.8 cm.
WEIGHT	The right adrenal gland was not definitively visualized.
108 Pounds	<i>Spleen</i>
INTERPRETED BY	Multifocal variably sized to expansive hypoechoic to non-homogenous splenic nodules were present, an example of a splenic nodule measured 2.0 cm diameter.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<i>Liver</i>
IMAGING PERFORMED BY	The liver exhibited generalized enlargement with multifocal variably sized non-homogenous to cystic masses, an example of left liver mass measured 7.5 cm diameter, an example of right liver mass measured 9.0 cm diameter. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
Jenna Walsh	<i>Gastrointestinal</i>
HOSPITAL NAME	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.
Reid VH	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.
REFERRING VET	Normal visible colon wall layers were present with apparent formed feces in lumen.
Dr. Popowich	<i>Pancreas</i>
INVOICE	
13206	
DATE	
9/21/21	



PATIENT

Stretch Popowich

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.

SPECIES

Free Abdomen

Canine

Moderate subjectively mildly cellular peritoneal free fluid was present with generalized reactive mesentery.

BREED

Heart

Beauceron

A rapid view of the heart revealed no overt evidence of pericardial effusion or concurrent tumors.

SEX

ULTRASONOGRAPHIC FINDINGS

Neutered Male

- Multifocal liver masses
- Multifocal variably sized to expansive splenic nodules
- Mass in the area of the left adrenal gland
- Peritoneal free fluid

AGE

10 Years

WEIGHT

108 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Unfortunately, the sonographic abnormalities are consistent with multicentric neoplasia involving the generalized liver, spleen and suspect left adrenal gland- multicentric sarcoma versus round cell neoplasia considered top differentials. The effusion may be consistent with hemoabdomen or potentially secondary to lymphatic obstruction. Given the multicentric disease, this case is non-surgical. Unfortunately, and unfavorable prognosis is indicated.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

Reid VH

REFERRING VET

Dr. Popowich

INVOICE

13206

DATE

9/21/21





PATIENT

Stretch Popowich

SPECIES

Canine

BREED

Beauceron

SEX

Neutered Male

AGE

10 Years

WEIGHT

108 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

Reid VH

REFERRING VET

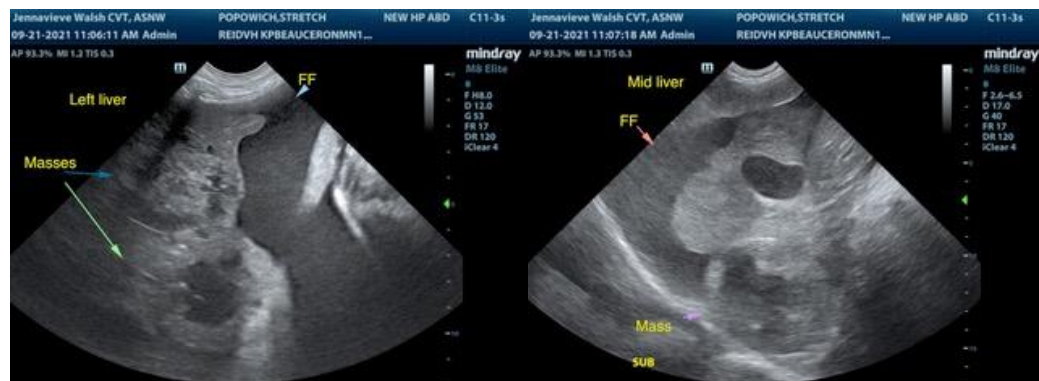
Dr. Popowich

INVOICE

13206

DATE

9/21/21



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)
info@SonoPath.com