

PATIENT

Dan Grant

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered male

AGE

10 years

WEIGHT

74 lbs

INTERPRETED BY

Kathleen Sennello
DVM, MS, Diplomate
ACVIM (Small Animal
Internal Medicine)

**IMAGING
PERFORMED BY**

Joetitia Saint-Jacques, RVT

HOSPITAL NAME

South Reno VH

REFERRING VET

Dr. Scmitt

INVOICE

92407

DATE

10/14/21

PRESENTING CLINICAL SIGNS

History: CBC: No significant finding Chemistry screen: Increased AST and moderate increased ALT. Slight increased cholesterol heartworm antigen test: Negative Fecal: No eggs or parasites seen urinalysis: Decreased specific gravity and increased pH Urine culture: No growth. A: AST and ALT likely from hepatobiliary disease. Rule out inflammation, infection, idiopathic, neoplasia, metabolic. Plan: Recommend abdominal and chest x-rays with abdominal ultrasound prior to general anesthesia. Also bile acids test.

Abnormal PE/Chem/CBC/UA Results: sedation 0.1ml dex/torb

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

The prostate was normal at 1.19 cm.

The left kidney has a normal shape and size (7.0 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney has a normal shape and size (7.0 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

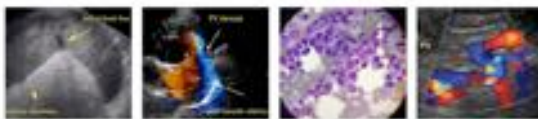
Adrenal Glands

The left adrenal gland is normal in size measuring 0.45 cm at the caudal pole It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

The right adrenal gland is normal in size measuring 0.78 cm at the caudal pole It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

Spleen

The spleen is subjectively normal in size The spleen echotexture is heterogenous and mottled, the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. There is a 0.7 cm hyperechoic nodule visualized in the parenchyma.



PATIENT

Dan Grant

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered male

AGE

10 years

WEIGHT

74 lbs

INTERPRETED BY

Kathleen Sennello
DVM, MS, Diplomate
ACVIM (Small Animal
Internal Medicine)

IMAGING PERFORMED BY

Joetitia Saint-Jacques, RVT

HOSPITAL NAME

South Reno VH

REFERRING VET

Dr. Scmitt

INVOICE

92407

DATE

10/14/21

Liver

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is heterogenous in echotexture with subtle, indistinct focal mottling. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed. The gallbladder lumen is moderately distended. The wall of the gallbladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

Gastrointestinal

The stomach contains minimal luminal contents. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. The duodenum measured as normal (0.51) and the jejunum measured as normal (0.42 cm). Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

Pancreas

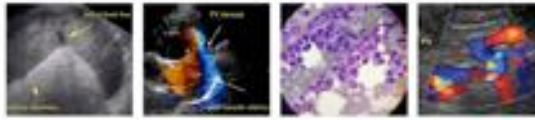
The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

Free Abdomen

Evaluation of the peritoneal cavity did not reveal any evidence of effusion. There is a mild mesenteric lymphadenomegaly present measuring 0.64 cm and 0.67 cm. There was no evidence of a caudal aortic thrombus at the bifurcation. The omentum is of normal uniform echogenicity.

Other

A 3.94 X 1.8cm irregular hypo echoic solid mass is visualized deep on the right side in the pelvic region. There is a potential that this is lumbar/epaxial musculature.



PATIENT

Dan Grant

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered male

AGE

10 years

WEIGHT

74 lbs

INTERPRETED BY

Kathleen Sennello
 DVM, MS, Diplomate
 ACVIM (Small Animal
 Internal Medicine)

IMAGING PERFORMED BY

.oetitia Saint-Jacques, RVT

HOSPITAL NAME

South Reno VH

REFERRING VET

Dr. Scmitt

INVOICE

92407

DATE

10/14/21

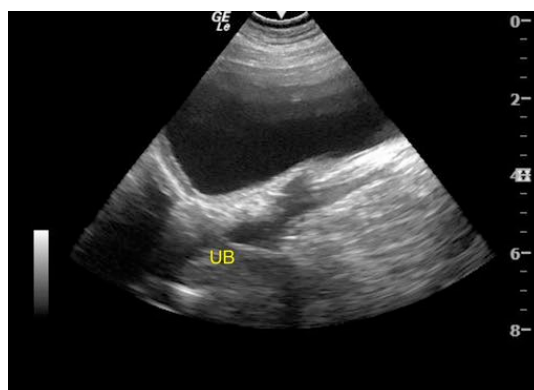
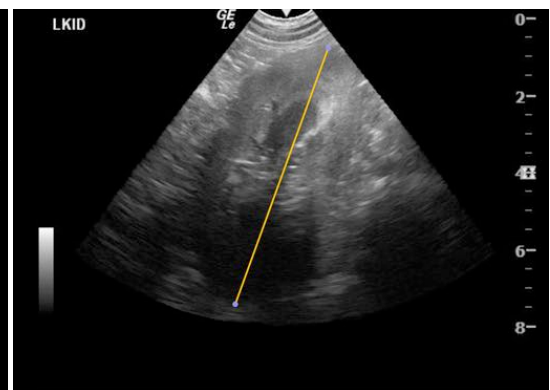
ULTRASONOGRAPHIC FINDINGS

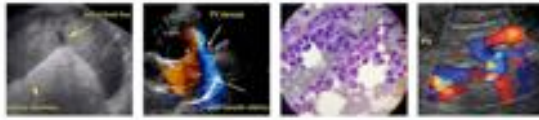
PRIMARY FINDINGS:

- Mildly mottled spleen with hyperechoic nodule. The diffuse splenic changes are non-specific and could be consistent with lymphoid hyperplasia, extramedullary hematopoiesis, infiltrative neoplasia, inflammation, other. Cytology or histopathology would be necessary to get a definitive diagnosis.
- Heterogenous liver. The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, nodular hyperplasia, inflammatory/immune-mediated disease, fibrosis, extramedullary hematopoiesis, toxic hepatopathy (e.g., copper), infiltrative neoplasia (less likely) or other hepatopathy.
- Hypoechoic, irregular mass lesion located deep on the right side in the area of pelvis/right limb, epaxial musculature. This is concerning for a possible neoplastic lesion. Recommend FNA.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes observed in the liver and spleen are mild and non-specific. I think the recommended plan of bile acids +/- FNA of the liver and spleen is a good one. I also recommend an FNA of the Deep intrapelvic/epaxial mass lesion as this is concerning for possible sarcoma etc. If this is too deep then consider CT imaging to better localize the lesion and plan FNA or surgical biopsy/resection. I recommend three view thoracic radiographs.





PATIENT

Dan Grant

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered male

AGE

10 years

WEIGHT

74 lbs

INTERPRETED BY

Kathleen Sennello
 DVM, MS, Diplomate
 ACVIM (Small Animal
 Internal Medicine)

IMAGING PERFORMED BY

oetitia Saint-Jacques, RVT

HOSPITAL NAME

South Reno VH

REFERRING VET

Dr. Scmitt

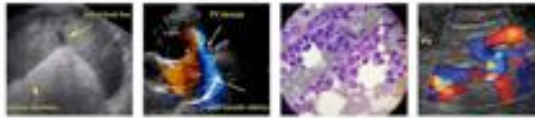
INVOICE

92407

DATE

10/14/21





PATIENT

Dan Grant

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

Labrador Retriever

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)
kathleen.sennello@sonopath.com

SEX

Neutered male

AGE

10 years

WEIGHT

74 lbs

INTERPRETED BY

Kathleen Sennello
DVM, MS, Diplomate
ACVIM (Small Animal
Internal Medicine)

**IMAGING
PERFORMED BY**

.oetitia Saint-Jacques, RVT

HOSPITAL NAME

South Reno VH

REFERRING VET

Dr. Scmitt

INVOICE

92407

DATE

10/14/21