

PATIENT

Niko Hayek

PRESENTING CLINICAL SIGNS

SPECIES

Canine

BREED

Husky

SEX

Neutered Male

AGE

11 Years

WEIGHT

54 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Valley Vet Clinic

REFERRING VET

Dr. Anna Lopez

INVOICE

33403

DATE

12/10/21

Paws Inc. Abdominal Ultrasound/ECHO/EKG Form Please send the completed form to pawsonography@gmail.com Referring Veterinarian: Anna Lopez Hospital Name: Valley Veterinary Clinic Patients Name: Niko Owners first and last name: Kyle Hayek Species: K9 Gender (altered?): male neutered Age: 11 yrs Weight (in lbs): 54.4 lbs Breed: husky Chief Concern/Provisional Diagnosis: P has a large ulcerated growth in the left inguinal region. P had a mast cell tumor removed from the same area in October 2021 at Mountain View Animal Hospital. The growth has rapidly returned and is starting to smell. O is interested in going to a specialist to remove the growth but wants to evaluate safety beforehand. Diagnosis: ddx: mast cell tumor. Left lateral prepuce 5cm round and firm. Concerned MCT has spread to inguinal lymph node or there is another MCT. Screening thorax radiographs for met check and abdominal ultrasound to screen where and what mass is. History/Physical Findings Mentation: BAR BCS: 6/9 Hydration status: euhydrated Mentation: QAR BCS: 5/9 Hydration status: normal MM Pink, capillary refill time less than 2 seconds. Heart auscultates normally, no murmur or arrhythmia noted. Lungs auscultate normally. Hair coat appears healthy. OU appears normal. AU are clean in visible ear canal. Nose appears normal. Mouth appears to have grade 2/4 periodontal disease. LN are WNL. Abdomen palpates normally with no palpable masses. No signs of lameness. Summary of Laboratory Abnormalities: NA Radiographic Abnormalities: Thoracic radiographs revealed microcardia and increased pulmonary vasculature. Current Therapy and Medications: Benadryl 50 mg PO QID Abnormal PE/Chem/CBC/UA Results: image of mass attached

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 is normal in size (.2 cm) and shape for this neutered male dog. The parenchyma is homogenous and the external margins are smooth. The prostatic urethra appears normal with no evidence of irregularity, invasion, mass effect or calculi.

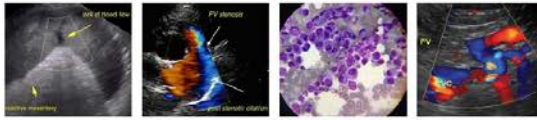
The left kidney has a normal shape and size (6.49 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney has a normal shape and size (5.45 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 0.62 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 0.45 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.



PATIENT

Niko Hayek **Spleen**

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

SPECIES

Canine

Liver

BREED

Husky

The liver is subjectively normal in size, and hypoechoic. 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.

SEX

Neutered Male

The gall bladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. There is a moderate amount of non-organized echogenic debris. The cystic and common bile ducts are normal/not visible.

Gastrointestinal

AGE

11 Years

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.

WEIGHT

54 Pounds

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 (between 0.3-0.5cm in wall thickness) and the jejunum measured as normal (between 0.2-0.47cm.) Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

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.

HOSPITAL NAME

Valley Vet Clinic

Free Abdomen

Evaluation of the peritoneal cavity did not reveal any evidence of effusion. There is a severe caudal abdominal lymphadenopathy with hypoechoic sublumbar lymph nodes measuring 4.8 cm x 2.49 cm and 3.91 cm. Additionally, there is what appears to be an inguinal lymph node, which is a mixed echogenic hypoechoic mass measuring 6.7 cm x 5.8 cm.

REFERRING VET

Dr. Anna Lopez

Other

A brief view of the heart was submitted. No significant pericardial effusion was seen.

INVOICE

33403

PRIMARY FINDINGS

- Severe caudal lymphadenopathy – most consistent with metastasis of the mast cell tumor.
- Heterogeneous, hypoechoic liver – The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, nodular hyperplasia, inflammatory/immune-mediated

DATE

12/10/21



PATIENT

Niko Hayek

disease, fibrosis, extramedullary hematopoiesis, toxic hepatopathy (e.g., copper), infiltrative neoplasia (less likely) or other hepatopathy. If the liver enzymes are normal, this could be an incidental finding.

SPECIES

Canine

SECONDARY FINDINGS

- Mild gallbladder sludge – The significance of the aggregated gallbladder sludge is unclear. This could represent an early mucocele, cholestasis, or may be secondary to fasting.

BREED

Husky

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Unfortunately, the caudal abdominal lymph nodes are severely enlarged in this patient. This would be the draining site for the lesion near the prepuce. I suspect this represents metastasis. This can be confirmed by performing a fine needle aspirate on the inguinal lymph node. Recommend consultation regarding prognosis and treatment options with a veterinary oncologist prior to considering surgery.

SEX

Neutered Male

AGE

11 Years

WEIGHT

54 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Valley Vet Clinic

REFERRING VET

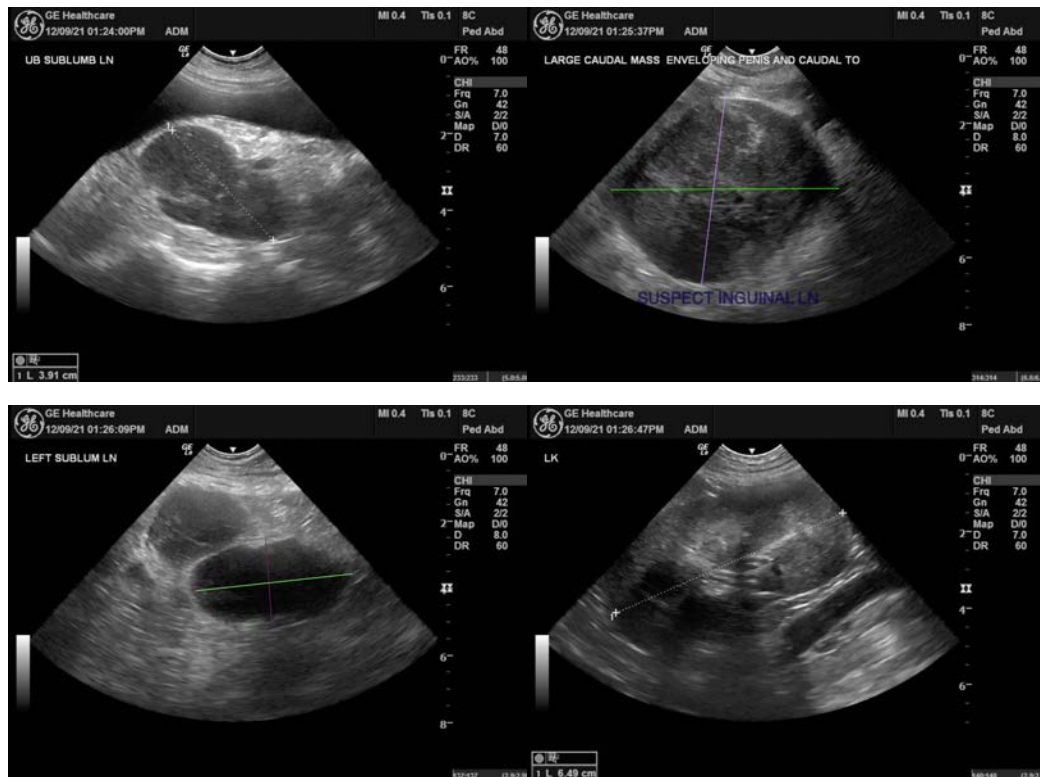
Dr. Anna Lopez

INVOICE

33403

DATE

12/10/21





PATIENT

Niko Hayek

SPECIES

Canine

BREED

Husky

SEX

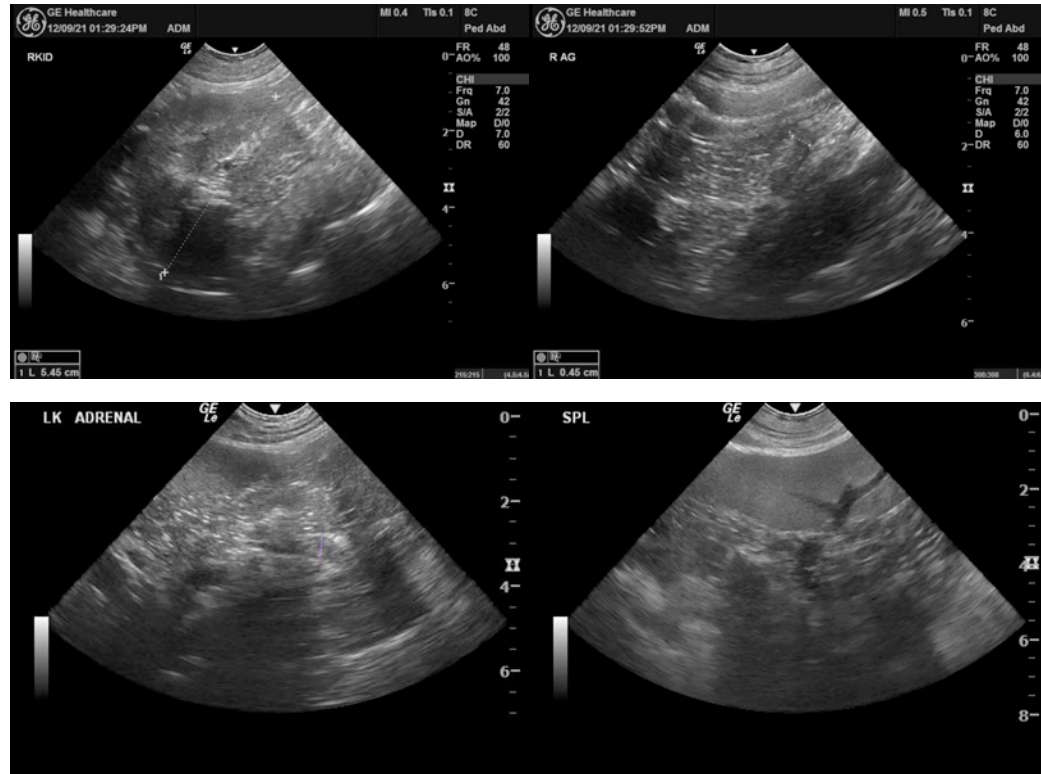
Neutered Male

AGE

11 Years

WEIGHT

54 Pounds



INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Valley Vet Clinic

REFERRING VET

Dr. Anna Lopez

INVOICE

33403

DATE

12/10/21

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.

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

kathleen.sennello@sonopath.com