

PATIENT

Cassie Hurst

SPECIES

Canine

BREED

Labrador Mix

SEX

Spayed Female

AGE

10 years

WEIGHT

69 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mack

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Mack

INVOICE

31447

DATE

7/3/22

PRESENTING CLINICAL SIGNS

History: Patient presented for vomiting and diarrhea x 3 days. Owner states diarrhea is orange and vomit consists of bile.

Abnormal PE/Chem/CBC/UA Results: Xray: Radio-opaque, baseball sized mass - cranial abdomen - concern for splenic mass. CBC/CHEM/SDMA/TT4: Glob 4.7, ALKP <10, TBIL 1.4, TT4 0.8.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen.

Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.0 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The regions of the **adrenal glands** were imaged with no evidence of pathology.

Spleen

The **spleen** revealed an expansive parenchymal mass that measured 7.0 cm and was deriving from the caudal pole with minor omental reactivity. Other nodular changes were noted in the spleen.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.



PATIENT

Cassie Hurst

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SPECIES

Canine

BREED

Labrador Mix

Free Abdomen

Slight amount of free fluid was noted adjacent to the mass. This is suggestive for early rupture.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

Splenic mass with early rupture. Hemangiosarcoma is likely; however, benign hematoma is possible as this is largely an isolated mass and the heterogenous changes noted on the remainder of the spleen could be benign hyperplasia.

AGE

10 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of metastatic disease. Assuming that bilirubin elevation is not artifactual then FNA of the liver is indicated to assess for associated pathology, yet structurally the liver appears unremarkable. If recheck of the bilirubin value is normal then chest radiographs and an echocardiogram are recommended to assess for metastatic disease followed by immediate splenectomy, liver inspection and biopsy.

WEIGHT

69 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mack

HOSPITAL NAME

Northside VC

REFERRING VET

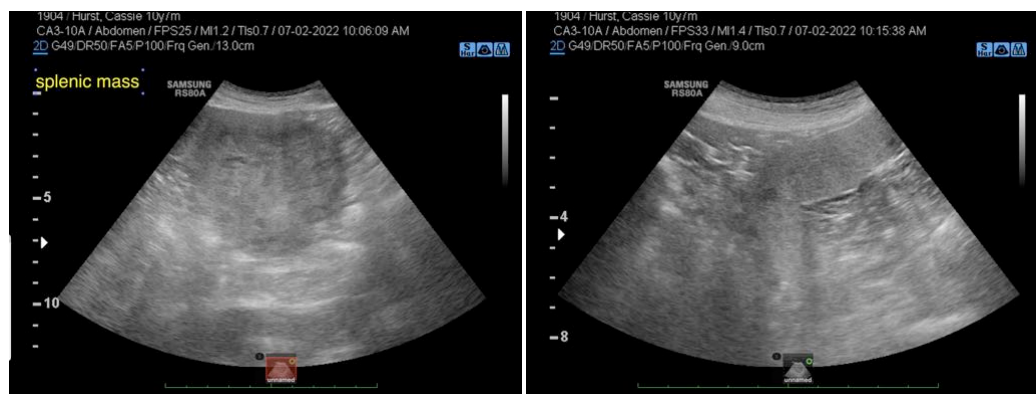
Dr. Mack

INVOICE

31447

DATE

7/3/22





PATIENT

Cassie Hurst

SPECIES

Canine

BREED

Labrador Mix

SEX

Spayed Female

AGE

10 years

WEIGHT

69 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mack

HOSPITAL NAME

Northside VC

REFERRING VET

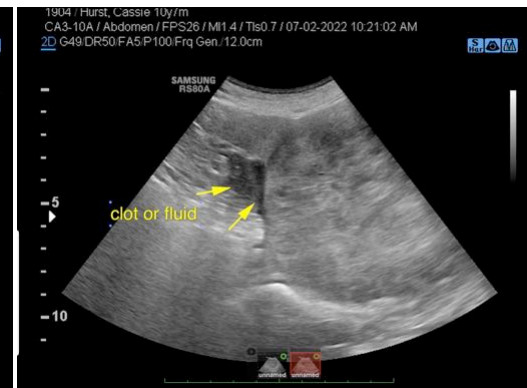
Dr. Mack

INVOICE

31447

DATE

7/3/22



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com