



PATIENT

Pearl Jones

SPECIES

Canine

BREED

German Shepherd

SEX

Spayed Female

AGE

10 Years

WEIGHT

83 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Val SHumskaya

HOSPITAL NAME

Ridge Road AH

REFERRING VET

Dr. Pathak

INVOICE

22440

DATE

5/10/23

PRESENTING CLINICAL SIGNS

History: Diagnosed with HSA 1/26/22, splenectomy on 1/21/23, follow up u/s to rule out mets

Abnormal PE/Chem/CBC/UA Results: Elevated ALT (995), AST, GGT (46)

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 7.1 cm. The right kidney measured 7.13 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 3.22 cm x 0.7 cm at the cranial pole and 0.49 cm at the caudal pole.

Spleen

The region of the **splenic fossa** was unremarkable.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

Gastrointestinal

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

Pancreas



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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.

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Free Abdomen

Free fluid was noted in the abdomen. Some nodular irregular tissue was noted in the region of the right cranial abdomen. Given the patient history, this is strongly suggestive for regional metastatic disease or omental seeding.

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German Shepherd

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed Female

- Free fluid and nodular omental changes- strong concern for local metastatic disease and hemoabdomen
- Partially full stomach
- Mild nonspecific heterogenous hepatic changes, largely expected for this age patient.

AGE

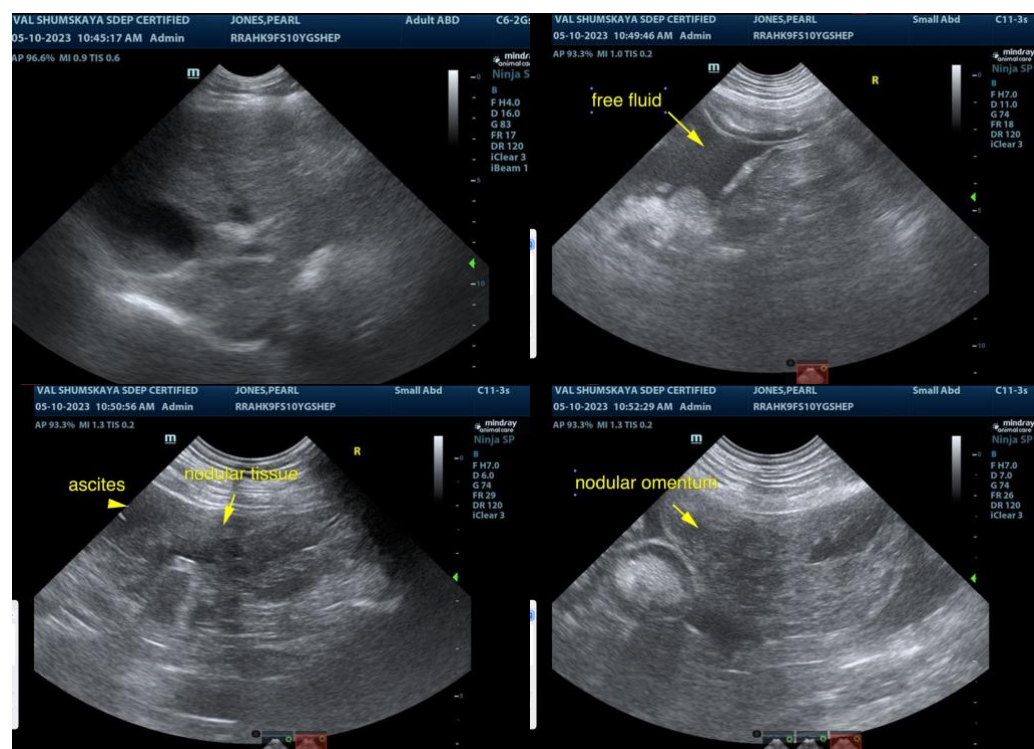
10 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery is indicated, if coagulopathy is not evident. PTA and PTT are indicated. Cytospin of the hemoabdomen could be considered to assess for exfoliating neoplasia.

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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.

DATE

5/10/23

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.



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