



PATIENT

Bubba Ellison

SPECIES

Canine

BREED

Shepherd Mix

SEX

Neutered Male

AGE

10 Years

WEIGHT

57.5 Lbs.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Sarah Green

HOSPITAL NAME

Healing Spirit AH

REFERRING VET

Sarah Green

INVOICE

13154

DATE

12/26/21

PRESENTING CLINICAL SIGNS

History: Presented due to paresis and ataxia, hyporexic for the past few days.

Abnormal PE/Chem/CBC/UA Results: tetraparesis, pale mm, mildly increase respiratory effort, mild anemia, neutrophilia, azotemia. Hemoabdomen confirmed on FNA. A solitary pulmonary nodule 3 mm in diameter was noted on thoracic radiographs

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 **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The kidneys measured 5 cm each.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** revealed multifocal hypoechoic mildly disruptive nodular changes and irregular contour. Target type lesions were noted. An overt cavitated mass (6+ cm) was noted deriving from the cranial body of the spleen.

Liver

The **liver** was mildly heterogeneous. Hypoechoic nodular changes were noted in the right medial liver. The gallbladder and common bile duct were unremarkable.

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.

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.

Free Abdomen



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A moderate amount of free fluid was noted in the **abdomen**. Heterogeneous omental changes were noted throughout, suggestive for seeding.

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- Ruptured splenic mass with nodular changes
- Mild heterogeneous hepatic changes.
- Omental heterogeneous changes, seeding into the abdomen suspected.
- Free fluid
- Age-related renal changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

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Three-view chest radiographs with rapid echocardiogram to assess for metastatic disease followed by exploratory surgery. Hemangiosarcoma likely.

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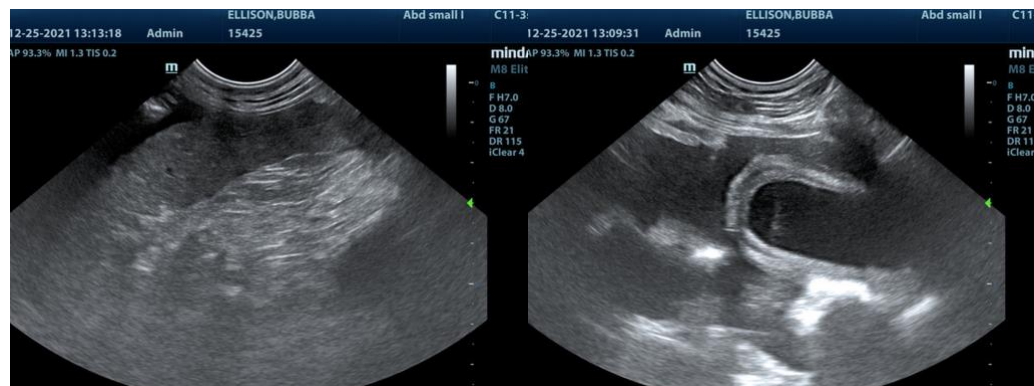
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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