



PATIENT

Wolfie McDowell

SPECIES

Canine

BREED

German Shepherd

SEX

Neutered Male

AGE

9 Years

WEIGHT

117 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Harold Mike Beard

HOSPITAL NAME

West Priince

REFERRING VET

Greg Hartman

INVOICE

13187

DATE

9/20/21

PRESENTING CLINICAL SIGNS

History: Had an invasive HSA removed from dorsal head of the femur a year ago. Patient became acutely ill, very weak, vomited once with blood in it, abdomen distended, pale mm.

Abnormal PE/Chem/CBC/UA Results: CBC - neutrophilia, dehydration, azotemia, thrombocytopenia, anemia. Radiographs = loss of abdominal visceral detail.

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 moderate 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 left kidney measured 6.0 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** revealed multifocal hypoechoic nodules with generalized splenomegaly. The nodules were disruptive.

Liver

The **liver** was riddled with multiple mixed echogenic masses. Heterogeneous changes were noted throughout the omentum. Omental nodular changes consistent with blood clots. Some of the masses are cavitated and likely the source of free fluid/hemorrhage.

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

A large amount of free fluid noted throughout the **abdomen** in this patient with enhanced surrounding mesentery.



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ULTRASONOGRAPHIC FINDINGS

- Multicentric sarcoma pattern spleen, liver and likely omentum, non-resectable
- Age-related renal changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prognosis is poor. Humane euthanasia should be considered in this patient.

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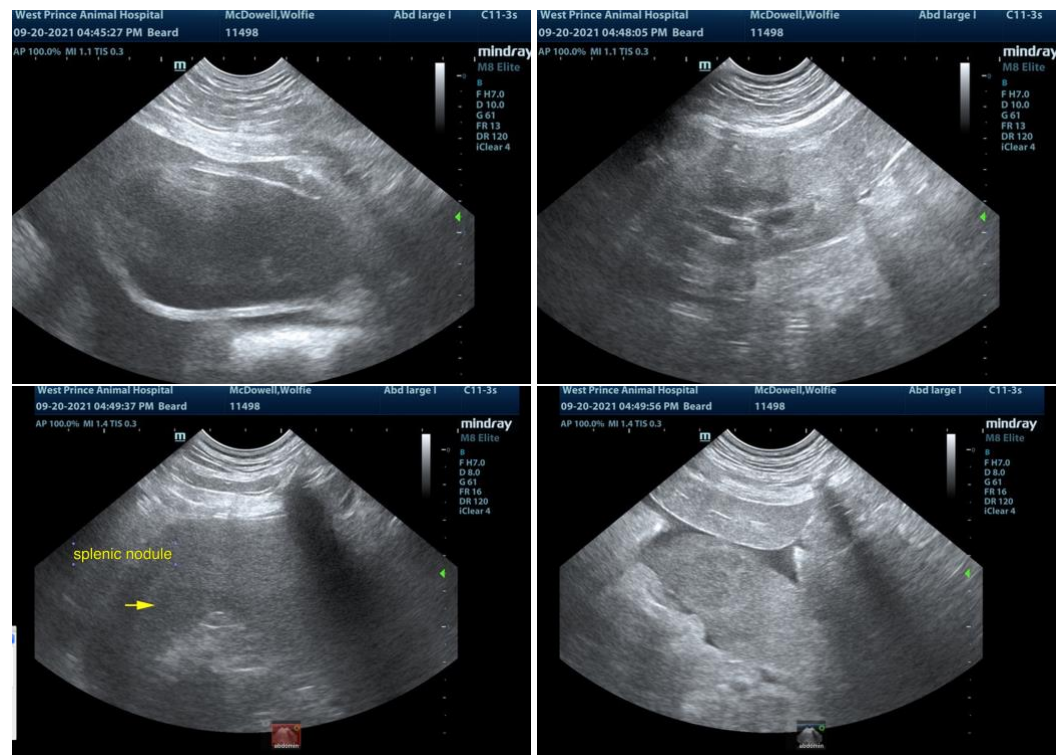
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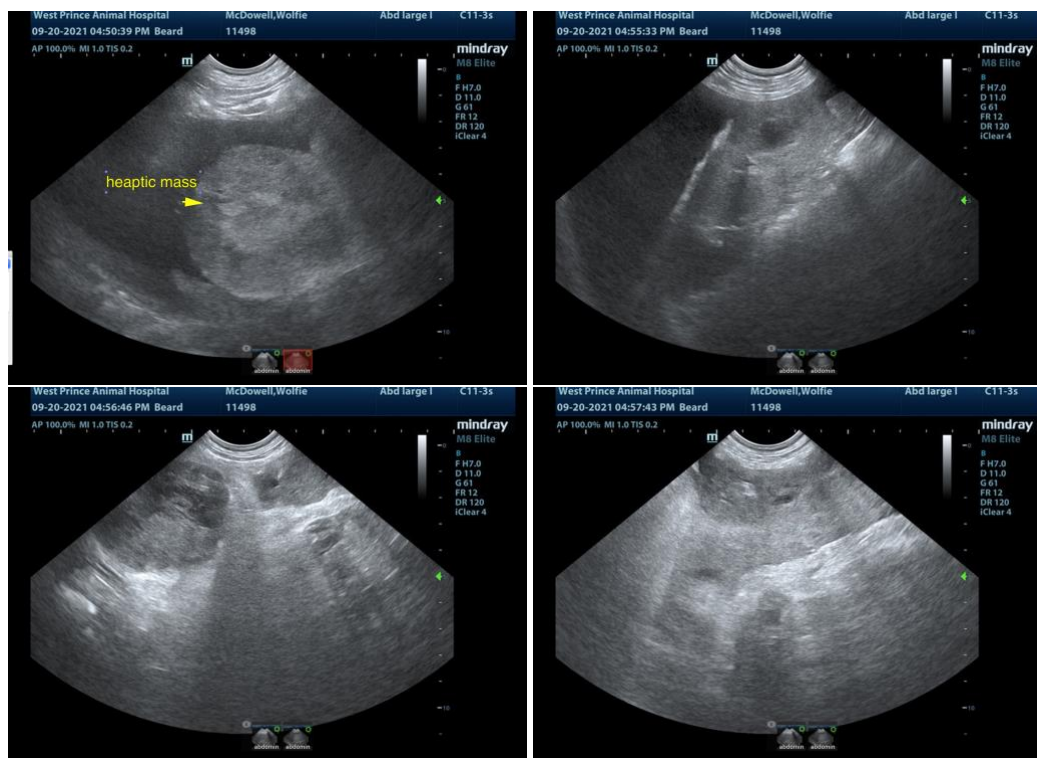
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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