



PATIENT

Samson Walling

SPECIES

Canine

BREED

Portuguese Water Dog

SEX

Neutered Male

AGE

10.5

WEIGHT

67

INTERPRETED BY

Eric Lindquist, DMV,
DABVP(CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Linda Grau

HOSPITAL NAME

Fredon Animal
Hospital

REFERRING VET

Dr. Linda Grau

INVOICE

16582

DATE

05/29/26

PRESENTING CLINICAL SIGNS

Seen two weeks ago for mild malaise, unremarkable exam and bloodwork, today presented collapsed, pale, fluid wave, distended abdomen

Abnormal PE/Chem/CBC/UA Results: pale mm, tachycardia, tachypnea, free abd fluid, microcardia on chest rad, fluid on abd rad

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 minor 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 in length. The right kidney measured 6.0 cm in length.

Adrenal Glands

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

Spleen

The **spleen** revealed hypoechoic nodules and an overt mixed hypoechoic complex splenic mass. The mass measured 5.6 cm.

Liver

The **liver** revealed mixed echogenic nodular changes with strong concern for metastatic disease. Enhanced mesentery was noted with adhesions. The gallbladder and common bile duct were unremarkable.

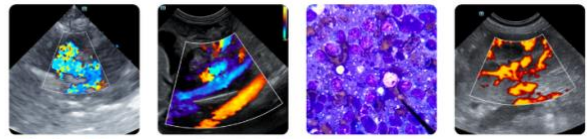
Gastrointestinal

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 large amount of **free fluid** was present in this patient, presumed to be frank blood throughout the abdomen.

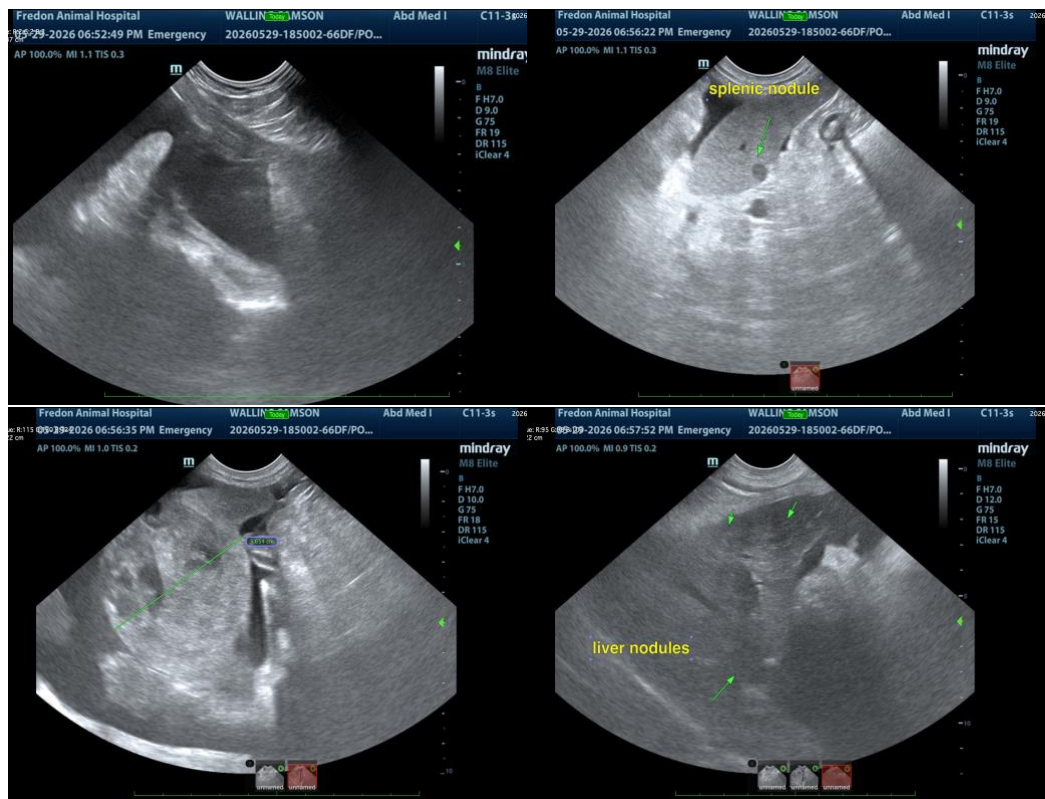
Rapid view of the **heart** revealed no evidence of pericardial effusion.

ULTRASONOGRAPHIC FINDINGS

- Splenic mass and nodules with concerning hepatic nodules.
- Minor age-related renal changes.
- Large amount of free abdominal fluid.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Splenic mass rupture and hemoabdomen are likely. Exploratory surgery could be considered if chest radiographs are free of evident pathology, however, there is a strong concern for metastatic disease to the liver. Hemangiosarcoma is likely.





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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(CFM), Cert. IVUSS,

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