



**PATIENT**

Fozzie McClain

**SPECIES**

Canine

**BREED**

Goldendoodle

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

43.9 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Harold Mike Beard

**HOSPITAL NAME**

WestPrinceAH

**REFERRING VET**

Harold Mike Beard

**INVOICE**

12868

**DATE**

8/30/21

**PRESENTING CLINICAL SIGNS**

History: Lethargy and anorexia for about one week.

Abnormal PE/Chem/CBC/UA Results: Anemia, thrombocytopenia. Na and K+ low. Dilute urine. Survey radiographs some loss of abdominal visceral detail and mass L cranial abdomen.

**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. Both kidneys measured 7.0 cm each.

**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 right adrenal gland measured 0.8 cm at the cranial pole and 0.5 cm at the caudal pole. The left adrenal gland measured 2.0 cm x 0.5 cm.

**Spleen**

The **spleen** in this patient was irregular in contour with heterogeneous parenchymal changes, multifocal expansive pattern. The spleen measured up to 2.4 cm in width. Cranial folding of the spleen was noted. Echogenic free fluid (suggestive for cellular debris) and enhanced omentum noted.

**Liver**

The **liver** revealed heterogeneous parenchymal changes with mild increased portal markings. The gallbladder and common bile duct were unremarkable.

**Gastrointestinal**

Some minor retention of ingesta was noted in the **stomach**. The small intestine and colon were unremarkable.

**Pancreas**

Enhanced mesentery was noted around the **pancreas** with heterogeneous parenchymal changes.

**Free Abdomen**

Overt mixed echogenic undifferentiated parenchymal mass was noted in the mid cranial **abdomen** deriving from the spleen, measuring approximately 6.0 cm.



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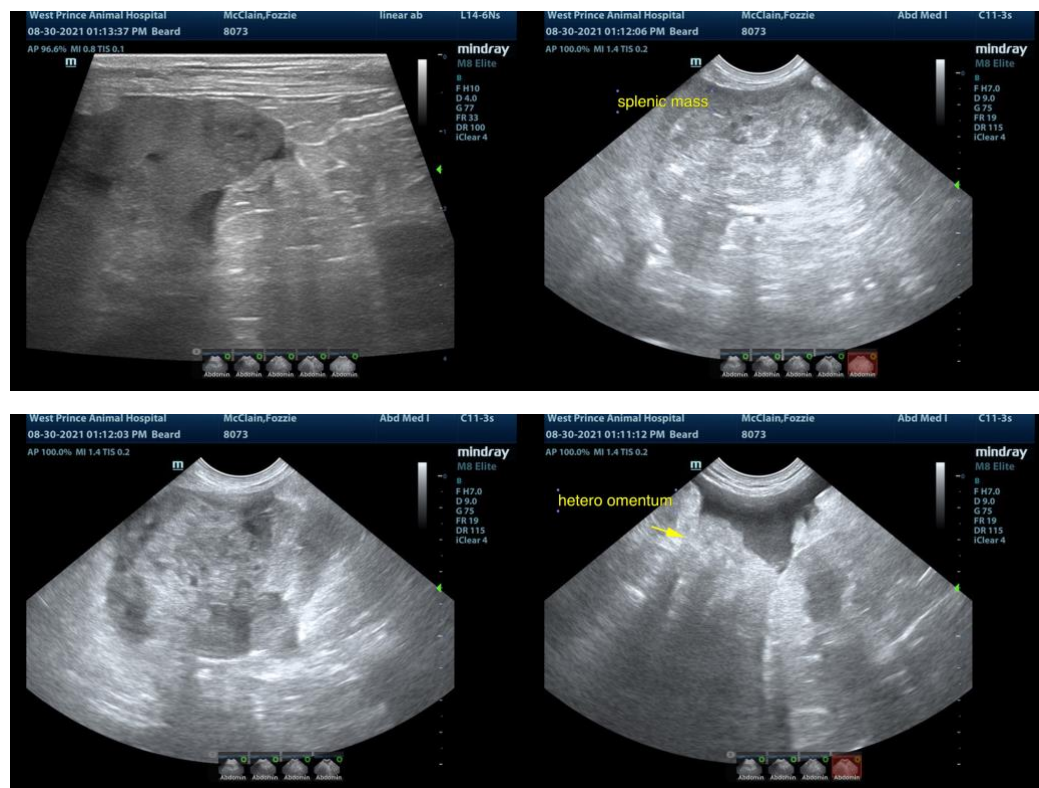
8/30/21

## ULTRASONOGRAPHIC FINDINGS

- Splenic mass with heterogeneous splenic changes
- Heterogeneous hepatic changes
- Free fluid and heterogeneous omentum
- Heterogeneous pancreatic changes with enhanced mesentery around the pancreas
- Stomach ingesta

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Strongly suggestive for sarcoma. Possible hemangiosarcoma versus round cell neoplasia. Exploratory surgery could be considered; however, clean surgical resection is unlikely. Prognosis long term is poor. 25-gauge FNA of the parenchymal portion of the spleen and splenic mass, as well as liver, as well as cytospin of the free fluid would all be valid as a next diagnostic step.





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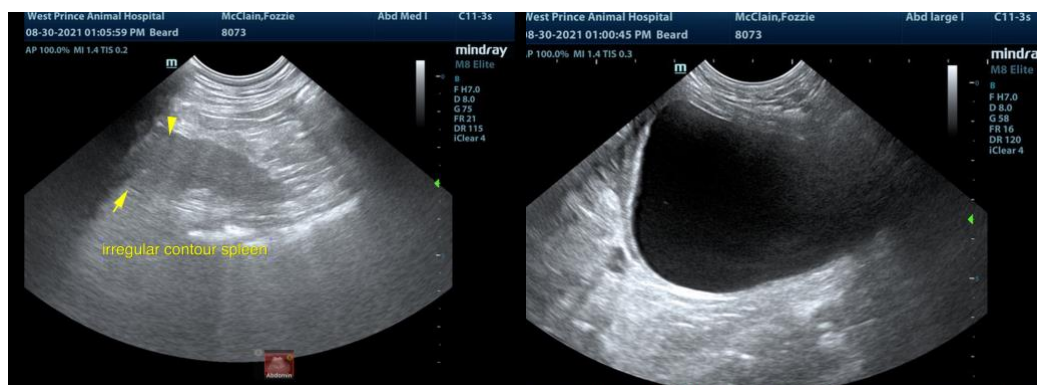
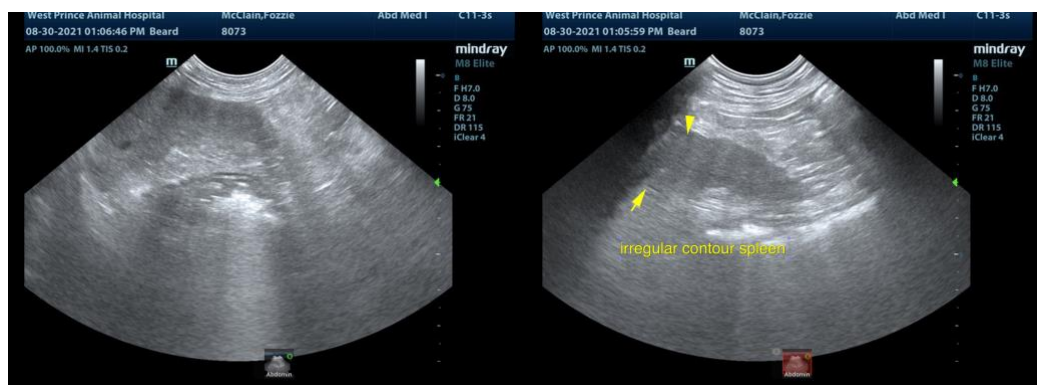
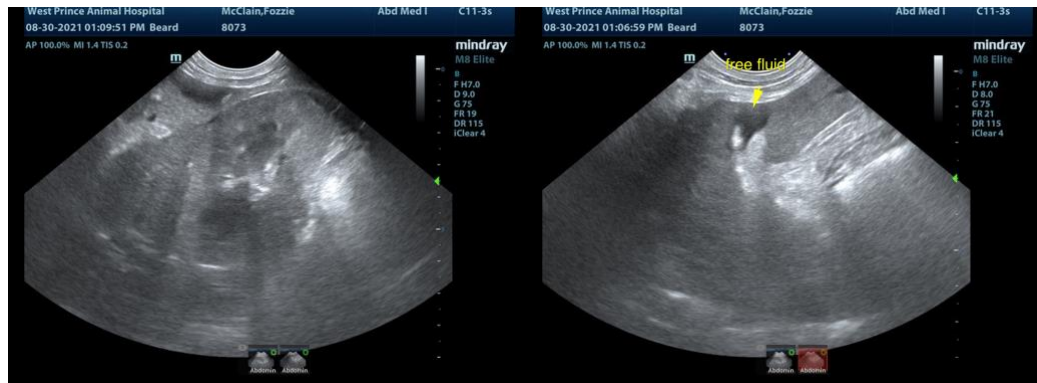
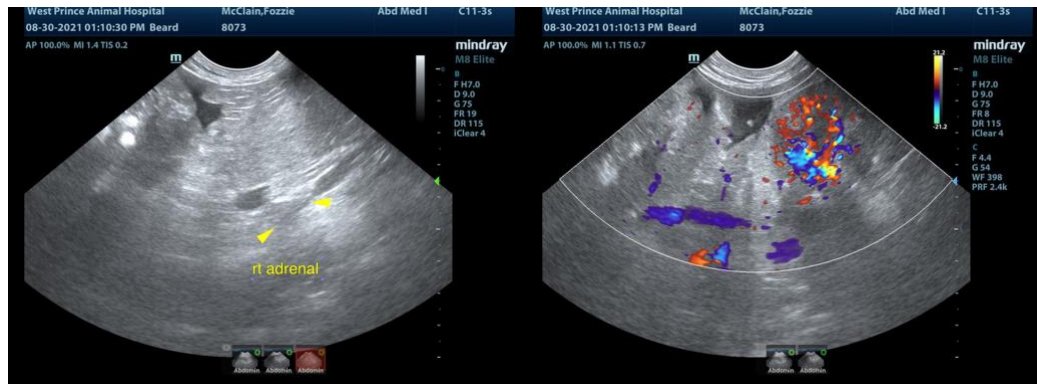
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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Goldendoodle

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

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