



**PATIENT**

Fifi Rosenthal

**SPECIES**

Canine

**BREED**

Treeing Walker  
Coonhound

**SEX**

Spayed Female

**AGE**

8 Years

**WEIGHT**

66.4 Pounds

**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

**IMAGING  
PERFORMED BY**

Jessica Bailes

**HOSPITAL NAME**

All Creatures Great &  
Small Corvallis

**REFERRING VET**

Dr. Justin Vaughn

**INVOICE**

36658

**DATE**

3/31/22

**PRESENTING CLINICAL SIGNS**

Diagnosed w/ several small dermal hemangiosarcomas. Thoracic rads/AUS performed for further staging.

Abnormal PE/Chem/CBC/UA Results: Pendulous abdomen, otherwise NSF on PE Thoracic rads clear

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

The right kidney is normal in size (7.95 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

The left kidney is normal in size (6.93 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed. A cortical cyst is present.

**Adrenal Glands**

The right adrenal gland is normal in size (2.93 cm long x 0.29 cm at the cranial pole and 0.39 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

The left adrenal gland is normal in size (3.3 cm long x 1.06 cm at the cranial pole and 0.80 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

**Spleen**

The spleen contains a 7.5 cm x 9.0 cm mixed cavitated mass off of the head of the spleen, causing disruption to normal architecture and capsule

**Liver**

The liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

**Gastrointestinal**

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is mildly distended with echogenic non-shadowing luminal contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is mildly distended with echogenic non-shadowing luminal



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contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease.

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

**SPECIES**

Canine

**Pancreas**

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

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Coonhound

**Free Abdomen**

There is no evidence of peritoneal effusion. There is no apparent lymphadenopathy.

**SEX**

Spayed Female

No evidence of pericardial effusion or heart base tumor in these images .

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

8 Years

- Cavitated splenic mass – Most consistent with hemangiosarcoma, given this patient’s history. Benign lesion such as hematoma or EMH can’t be ruled out, but is considered much less likely.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Recommendations are surgery for splenectomy, potentially at the same time that the dermal masses are removed.

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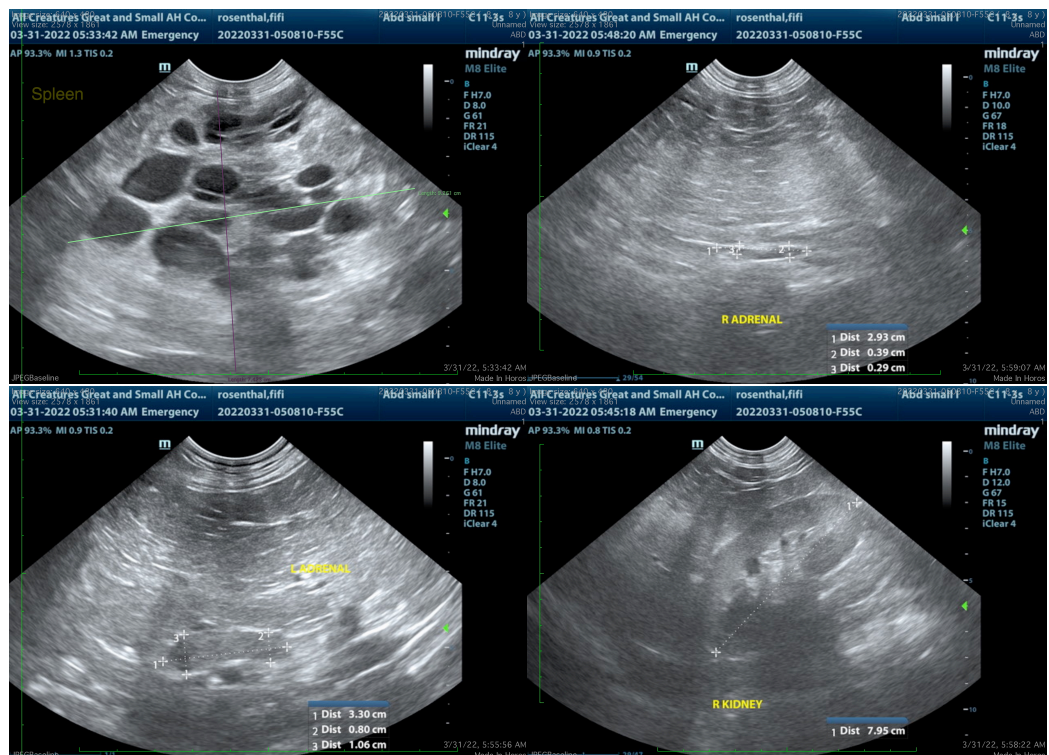
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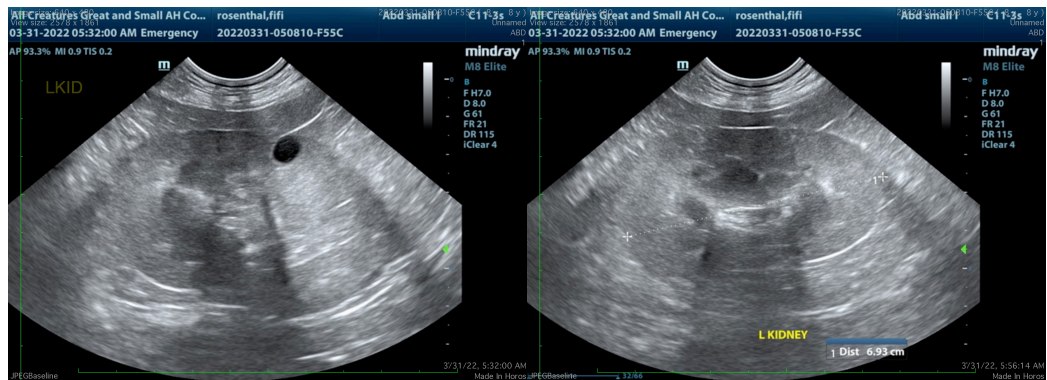
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Beth Johnson, DVM, DACVIM**  
Beth.Johnson@sonopath.com