



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Bella Norris	Anorexic for 1 week with low grade fever. O has Cerenia and Amoxicillin and radiographs show an enlarged liver shadow Abnormal PE/Chem/CBC/UA Results: Liver values normal
<b>SPECIES</b>	
Feline	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
	<b>Urinary System</b>
<b>BREED</b>	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
DSH	
<b>SEX</b>	The area of the aortic trifurcation was free of pathology.
Spayed Female	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The right kidney measured 3.7 cm. The left kidney measured 3.3 cm.
<b>AGE</b>	
5 Years 7 Months	<b>Adrenal Glands</b>
<b>WEIGHT</b>	The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.31 cm. The right adrenal gland measured 0.34 cm
7 Pounds	<b>Spleen</b>
<b>INTERPRETED BY</b>	The spleen revealed moderately sized to expansive non-homogeneous mass originating from the medial spleen and measuring approximately 3.0 cm in diameter.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<b>Liver</b>
<b>IMAGING PERFORMED BY</b>	The liver exhibited generalized enlargement with asymmetrical to rounded hepatic contour. Multiple non-homogeneous to coalescing masses present in the left, mid and right liver. The masses exhibited focal areas of intraparenchymal cystic lesions along with hypoechoic intraparenchymal nodules. Example of liver mass measured 5-6 cm in diameter. The gallbladder was normal.
Dr. Nottingham	<b>Gastrointestinal</b>
<b>HOSPITAL NAME</b>	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. Gastric body wall measured 0.25 cm.
ACAH South Hill	<b>REFERRING VET</b>
<b>REFERRING VET</b>	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.
Dr. Nottingham	Normal visible colon wall layers were present with apparent formed feces in lumen.
<b>INVOICE</b>	<b>Pancreas</b>
34294	The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.
<b>DATE</b>	
1/14/22	



**PATIENT**

**Free Abdomen**

Bella Norris

Mild non-uniform echogenic mesentery present throughout the abdomen with small pockets of scant free fluid.

**SPECIES**

Feline

**ULTRASONOGRAPHIC FINDINGS**

- Hepatomegaly exhibiting multiple variably sized to coalescing intraparenchymal masses
- Concurrent splenic mass
- Generalized non-uniformly echogenic mesentery and scant free fluid

**BREED**

DSH

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Spayed Female

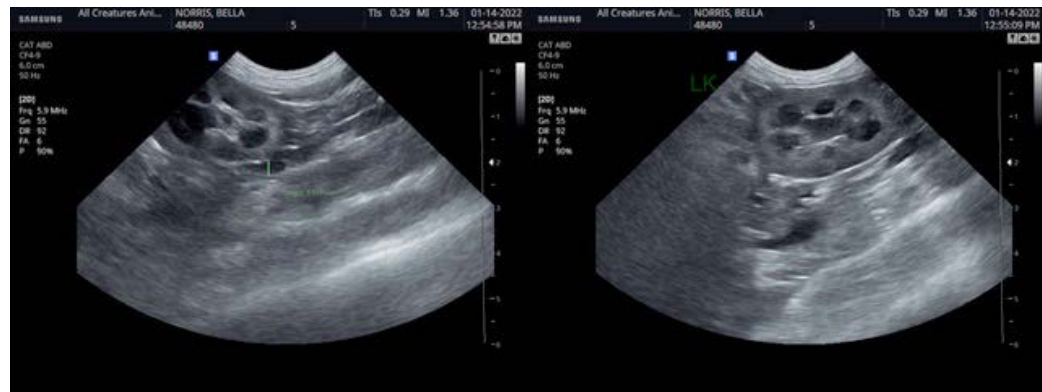
Although sampling is required for further clarification and potential definitive diagnosis, multicentric hepatosplenic neoplasia with potential for mesenteric involvement is highly likely. Assuming normal clotting status, ultrasound guided hepatosplenic FNA using 25-gauge needle could be considered for screening cytology and potential for oncology consult. Unfortunately, this case does not appear to be surgical. 3-view chest radiographs recommended. Continued supportive care recommended.

**AGE**

5 Years 7 Months

**WEIGHT**

7 Pounds



**INTERPRETED BY**

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)



**IMAGING PERFORMED BY**

Dr. Nottingham

**HOSPITAL NAME**

ACAH South Hill

**REFERRING VET**

Dr. Nottingham

**INVOICE**

34294

**DATE**

1/14/22



**PATIENT**

Bella Norris

**SPECIES**

Feline

**BREED**

DSH

**SEX**

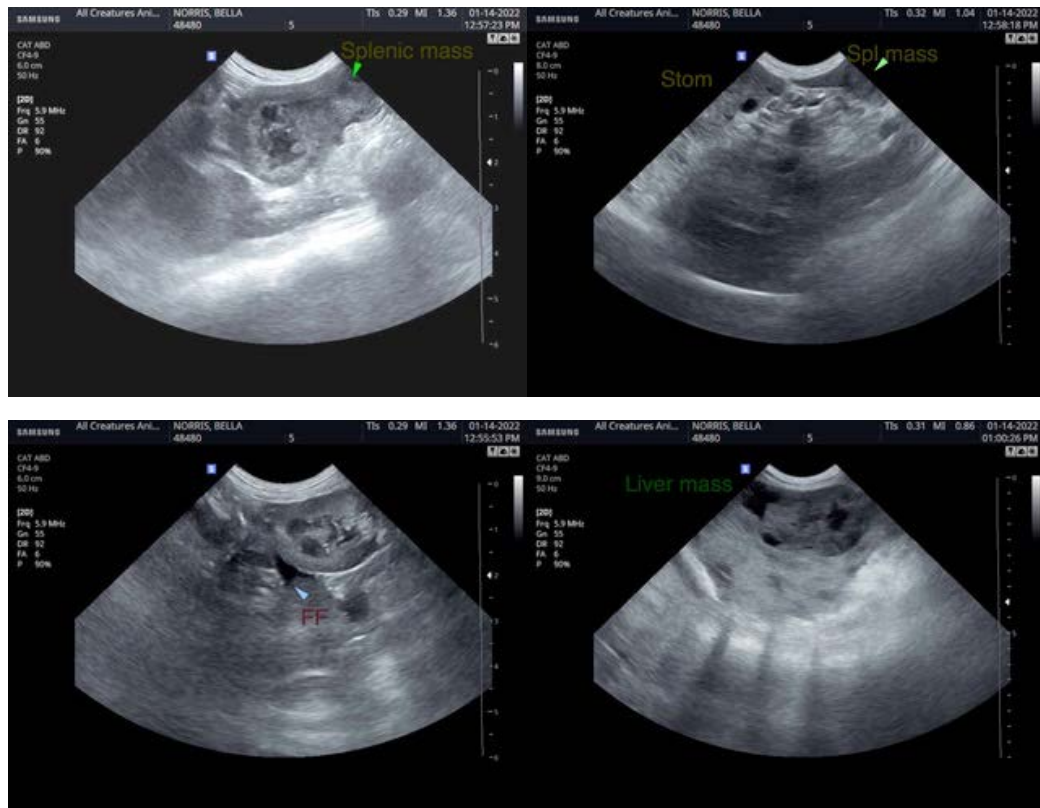
Spayed Female

**AGE**

5 Years 7 Months

**WEIGHT**

7 Pounds



**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**IMAGING PERFORMED BY**

Dr. Nottingham

**HOSPITAL NAME**

ACAH South Hill

**REFERRING VET**

Dr. Nottingham

**INVOICE**

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**DATE**

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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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