**PATIENT**

Jabari Abdel-Hamid

**SPECIES**

Feline

**BREED**

Savannah

**SEX**

Neutered Male

**AGE**

4 yrs. 7 months

**WEIGHT**

24.2 Pounds

**INTERPRETED BY**

Andrea Nicastro,  
DVM, Diplomate  
ACVIM (*Small  
Animal Internal  
Medicine*)

**IMAGING PERFORMED BY**

Potomac Mobile  
Veterinary  
Ultrasound

**HOSPITAL NAME**

Heritage AH

**REFERRING VET**

Dr. Cathy Jarrett

**INVOICE**

12976

**PRESENTING CLINICAL SIGNS**

History: Weight loss. Lost 3 lbs between 01/28/2022- 02/07/2022. Was sedated for U/S.  
Abnormal PE/Chem/CBC/UA Results: (02/07/2022) CBC: WNL. (02/07/2022) CHEM: BUN 40.5,  
Phosphorus 7.3, Calcium 15.2, Triglycerides 145.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN***Urinary System*

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

The left kidney is enlarged (6.82 cm in length) with a slightly irregular shape. The cortex is diffusely thickened and heterogeneous to nodular in appearance. Trace pyelectasia is present (0.20 cm in the transverse plane). There is no evidence of nephroliths or hydronephrosis. Renal vasculature is normal. A trace amount of subcapsular fluid is present.

The right kidney is enlarged (5.92 cm in length) with a slightly irregular shape. The cortex is diffusely thickened and heterogeneous to nodular in appearance. Trace pyelectasia is present (0.27 cm in the transverse plane). There is no evidence of nephroliths or hydronephrosis. Renal vasculature is normal. A trace amount of subcapsular fluid is present.

*Adrenal Glands*

The left adrenal gland is normal in size (1.40 cm length; 0.49 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal in size (1.17 cm length; 0.46 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

*Spleen*

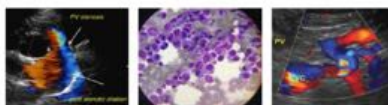
The spleen is prominent in size (1.12 cm in width at the level of the hilus) with slightly swollen peripheral contours. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

*Liver*

The liver is subjectively enlarged with slightly swollen peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of aggregated echogenic partially dependent debris is observed within the lumen. The cystic and common bile ducts are normal/not seen. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of suspended echogenic debris is observed within the lumen. The cystic and common bile ducts are normal.

*Gastrointestinal*

The gastric lumen is minimally fluid distended. The gastric wall is normal in thickness with a normal layering pattern. A >7 cm irregular hypoechoic small intestinal mass is present. The wall in this region is

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severely thickened (up to 3.89 cm) with complete loss of the normal layering pattern. The remaining small intestinal wall is normal to mildly thickened (up to 0.29 cm) with a normal layering pattern. There is slight disruption in the normal 1:3 muscularis: mucosal ratio in some segments. The colonic wall is normal. No obstructive disease is noted.

**SPECIES*****Pancreas***

Feline

The pancreas is somewhat obscured by the diffuse abdominal pathology. In the visualized portions, no obvious abnormalities are seen.

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***Free Abdomen***

Numerous varying sized irregular hypoechoic lesions/nodules are observed throughout the mesentery. The remainder of the mesentery is hyperechoic. A small amount of free fluid is observed. Numerous enlarged rounded-to-irregular, echogenic-to-hypoechoic lymph nodes are observed throughout the abdomen, the largest measuring 5.28 cm in length.

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**ULTRASONOGRAPHIC FINDINGS**

- Large small intestinal mass. Neoplasia (i.e., lymphoma, adenocarcinoma) is suspected with a lower possibility of severe inflammatory process (i.e., pyogranulomatous).
- The bilateral renal changes, severe lymphadenopathy and mesenteric changes are also concerning for infiltrative disease with a lower possibility of an inflammatory process.
- Diffuse peritonitis is present, likely secondary to bowel, renal and mesenteric pathology.
- The hepatosplenomegaly could be consistent with infiltrative neoplasia. Alternatively, these changes could be normal for this large breed cat or consistent with a benign process.

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24.2 Pounds

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DVM, Diplomate  
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- Depending on the thoracic radiograph and bowel cytology results, further recommendations can be made.
- If an aggressive approach is desired, consider consultation with a board-certified oncologist. Otherwise, palliative care is recommended.

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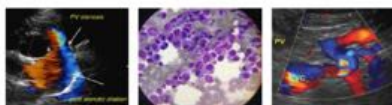
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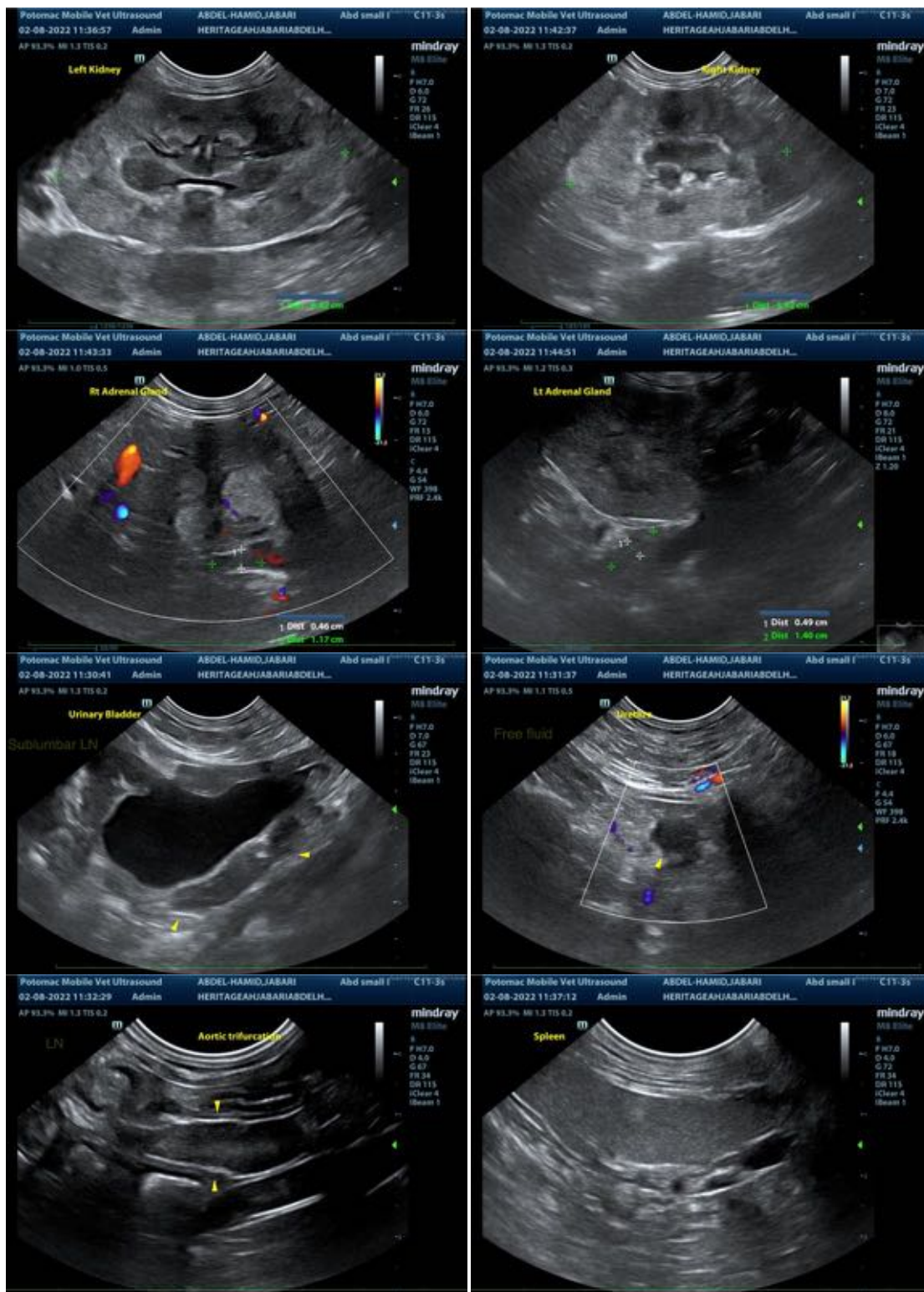
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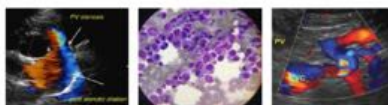
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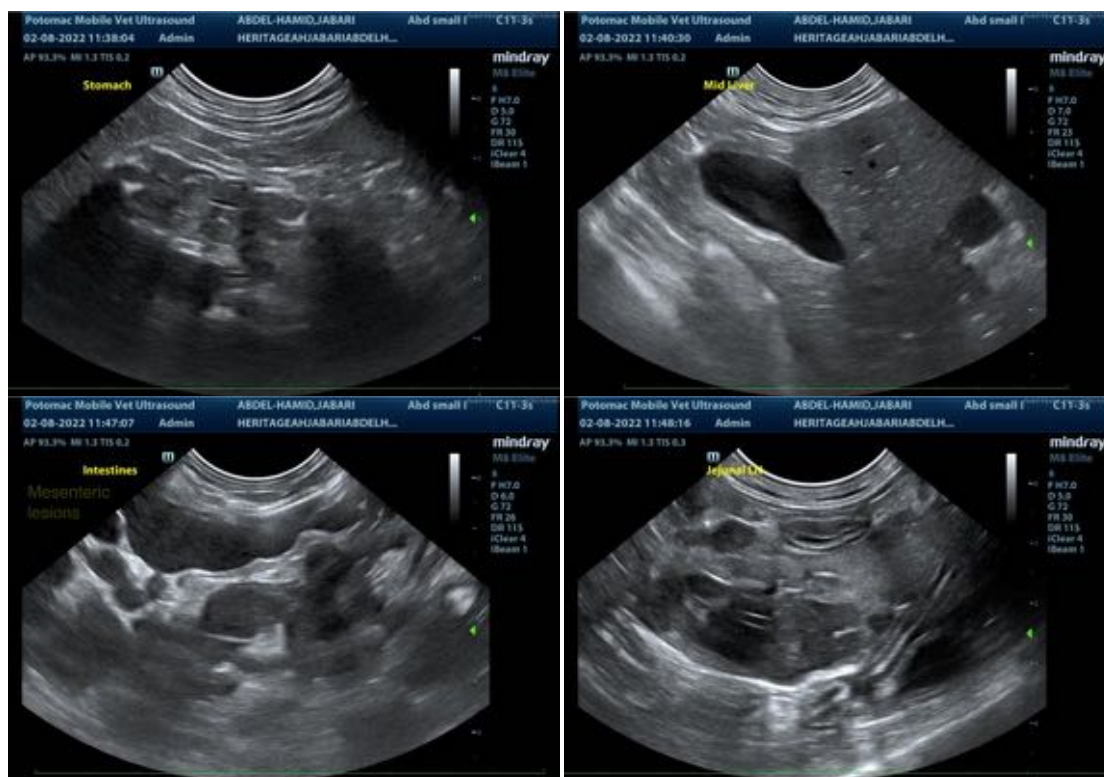
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**IMAGING PERFORMED BY**

Potomac Mobile Veterinary Ultrasound

Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)

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