



PATIENT PRESENTING CLINICAL SIGNS

Jackie Vachon

History: marked erythrocytosis, mild reticulocytosis
Abnormal PE/Chem/CBC/UA Results: High: RBC 17.8, HCT 0.69, hgb 222, retic 71, Ca 2.8, pot 5.4, Alb 44
Low: glu 2.2, Na:K 28 Cl 113,

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Himi X

Urinary System

Urinary bladder is adequately 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.

SEX

Spayed Female

Left kidney is normal is size (4.1 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.

AGE

9 Years

Right kidney is normal is size (3.85 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.

Adrenal Glands

WEIGHT

4.9 kg

Left adrenal gland is normal in size (0.26 cm), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Right adrenal gland is normal in size (0.32 cm), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Spleen

Spleen is subjectively large in size with subtly scalloped or undulating capsular contour. Parenchyma is normal in echogenicity with a mildly coarse/heterogenous echotexture. No focal nodules or masses are observed. Splenic vasculature appears normal.

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Kelly Reschny

Liver

HOSPITAL NAME

Hartzel AH

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.

REFERRING VET

Dr. Morris

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.

INVOICE

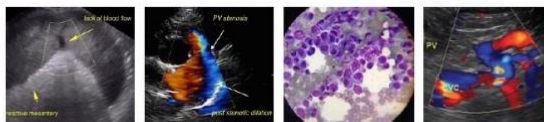
16295

The visible stomach wall is normal in thickness and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

DATE

6/24/22

The visible small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.



PATIENT

The visible colon is normal in wall thickness and layering. Contents are consistent with normal formed feces and gas.

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Pancreas

SPECIES

The observed pancreas appears appropriately isoechoic to surrounding omental fat. Visible capsule is smooth and normal in contour. Visible pancreatic parenchyma is homogenous and unremarkable. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

Feline

BREED

Free Abdomen

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

Himi X

SEX

ULTRASONOGRAPHIC FINDINGS

Spayed Female

- Scalloped spleen can be associated with benign or malignant infiltrative disease. Common causes include a reactive spleen secondary to immune stimulus or early infiltrative round cell neoplasia such as lymphoma or mast cell tumor.

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

9 Years

1. Given this patients reported marked erythrocytosis, three view thoracic radiographs are recommended for further assessment of cardio-pulmonary status as well as to further evaluate for any evidence of metastatic disease, if not recently evaluated.

WEIGHT

4.9 kg

2. A fine needle aspirate of the spleen is recommended if patients coagulation status is appropriate with premedication with diphenhydramine recommended.

INTERPRETED BY

3. While rare in cats, this patients electrolyte abnormalities, hypercalcemia, hypoglycemia, etc. create some index of suspicion for hypoadrenocorticism. Therefore, an ACTH stimulation test is recommended to rule out rare but possible hyperadrenocorticism.

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

4. In the meantime, fluid support, dextrose support (if the hypoglycemia is believed to be real), and supportive care of other clinical signs, etc., is recommended with close monitoring of the electrolyte abnormalities, erythrocytosis, etc., to try to determine what is relative secondary to hydration status versus a true pathology process.

Kelly Reschny

HOSPITAL NAME

Hartzel AH



REFERRING VET

Dr. Morris

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SPECIES

Feline

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SEX

Spayed Female

AGE

9 Years

WEIGHT

4.9 kg

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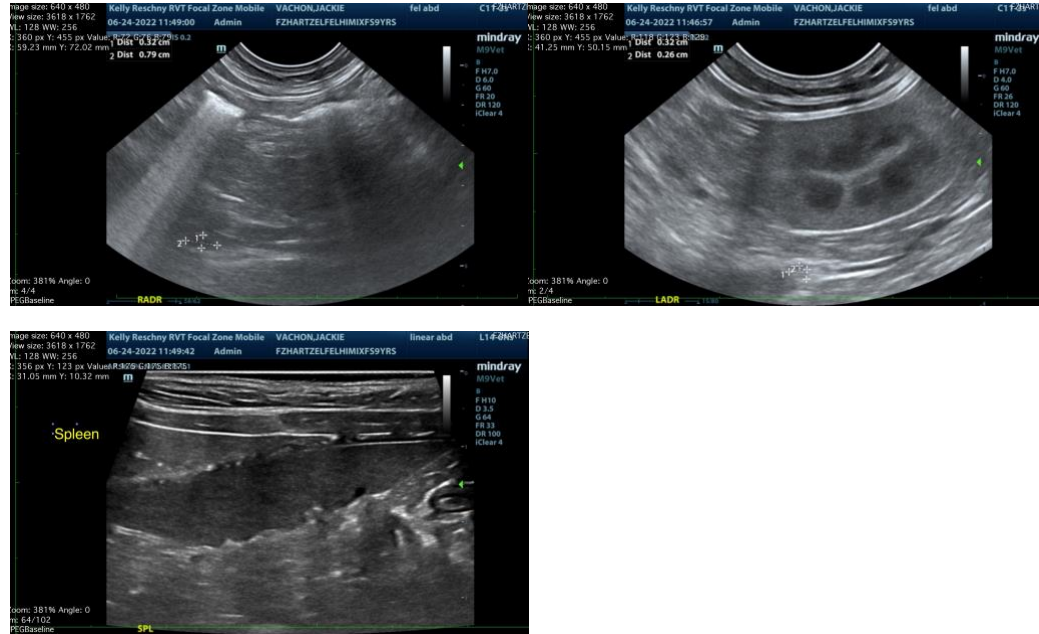
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Beth Johnson, DVM DACVIM

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