


PATIENT PRESENTING CLINICAL SIGNS

Sunshine Taylor History: Presented due to paronychia. Mid abdominal mass found on exam. Ultrasound guided FNA cytology consistent with large cell lymphoma. Thoracic radiographs show possible cranial mediastinal lymphadenopathy.

SPECIES

Feline Abnormal PE/Chem/CBC/UA Results: FeLV negative, no other significant abnormalities

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Siamese Mix

Urinary System
SEX

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. A scant amount of suspended echogenic debris is observed within the lumen. No cystic calculi are observed. The region of the trigone and visible portion of the proximal urethra are normal.

Female Spayed

AGE

The left kidney is borderline small in size (3.17 cm in length) with an irregular shape. The cortex is isoechoic relative to the spleen and variably thickened with moderate loss of corticomedullary distinction. There are suspected cortical infarcts. Trace pyelectasia is present. There is no evidence of nephroliths or hydronephrosis.

12 years, 6 mos

WEIGHT

The right kidney is normal in size (4.18 cm in length) with an irregular shape. The cortex is isoechoic relative to the spleen and variably thickened with moderate loss of corticomedullary distinction. There are suspected cortical infarcts. Trace pyelectasia is present. There is no evidence of nephroliths or hydronephrosis.

7.8 lbs

INTERPRETED BY

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

Adrenal Glands

The region of the left adrenal gland is evaluated. No obvious pathology is observed in this region.

The right adrenal gland is normal size (0.46 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature appear normal.

IMAGING PERFORMED BY

Sarah Green

Spleen

The spleen is normal in width (up to 0.73 cm) with an elongated contour and scalloping of the medial margin. The parenchyma is homogenous. Splenic vasculature is normal with no evidence of thrombosis.

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Healing Spirit
 Animal Wellness

Liver

The liver is subjectively enlarged with normal curvilinear 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 portal vein to caudal vena cava ratio is approximately 1: 1.

REFERRING VET

Sarah Green

The gall bladder is moderately distended. The wall is normal in thickness. A small amount of echogenic debris is observed within the lumen (most of which is gravity-dependent and some of which is adhered to the luminal surface). The cystic and common bile ducts are normal.

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Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discrete masses are not identified. The ileocecolic junction and colonic wall are normal. The colonic lumen contains granular-appearing fecal material. There is no evidence of an obstructive pattern.

DATE

8.14.23

Pancreas

The region of the pancreas is largely obscured by the reactive mesentery and enlarged cranial abdominal



PATIENT lymph nodes. Therefore, it is difficult to discern the pancreas from other pathology.

Sunshine Taylor

Free Abdomen

The mesentery throughout the abdomen is hyperechoic, particularly in the cranial- to midabdomen. A small amount of echogenic free fluid is present. Several, enlarged, rounded cranial to midabdominal lymph nodes are visualized. Surrounding mesentery is hyperechoic. (See also "Other" category).

SPECIES

Feline

Other

BREED

A >5.00 cm irregular echogenic mass is observed in the midabdominal region. Surrounding mesentery is hyperechoic.

Siamese Mix

SEX

ULTRASONOGRAPHIC FINDINGS

Female Spayed

Primary Findings

AGE

- The origin of the abdominal mass is unclear. However, given the diagnosis of lymphoma, a lymph node origin is suspected. The remaining abdominal lymphadenopathy is also suspected to be due to lymphoma.

12 years, 6 mos

WEIGHT

Secondary Findings

7.8 lbs

- The splenic parenchymal changes could be consistent with lymphoid hyperplasia, extramedullary hematopoiesis, splenitis, antigenic stimulation or emerging lymphoma.
- Bilateral chronic renal changes with trace pyelectasia and suspected cortical infarcts. Emerging renal lymphoma is also possible.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Consider a consultation with a board-certified oncologist for further diagnostic/treatment recommendations. If this is not pursued, empirical treatment with prednisolone can be considered.

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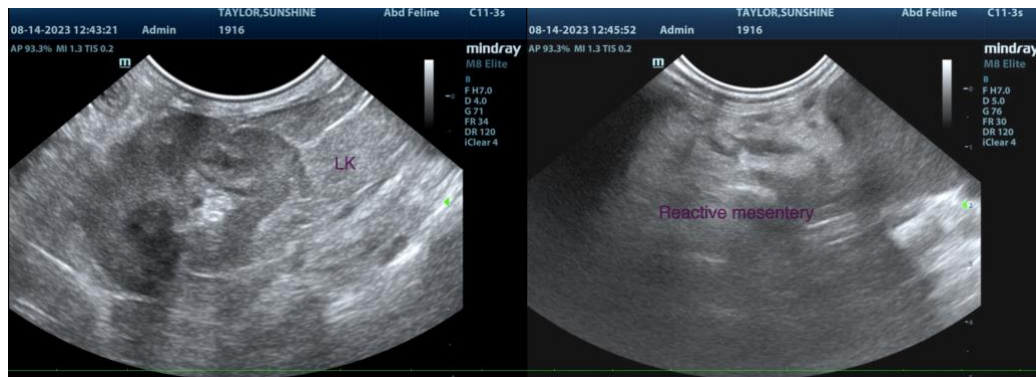
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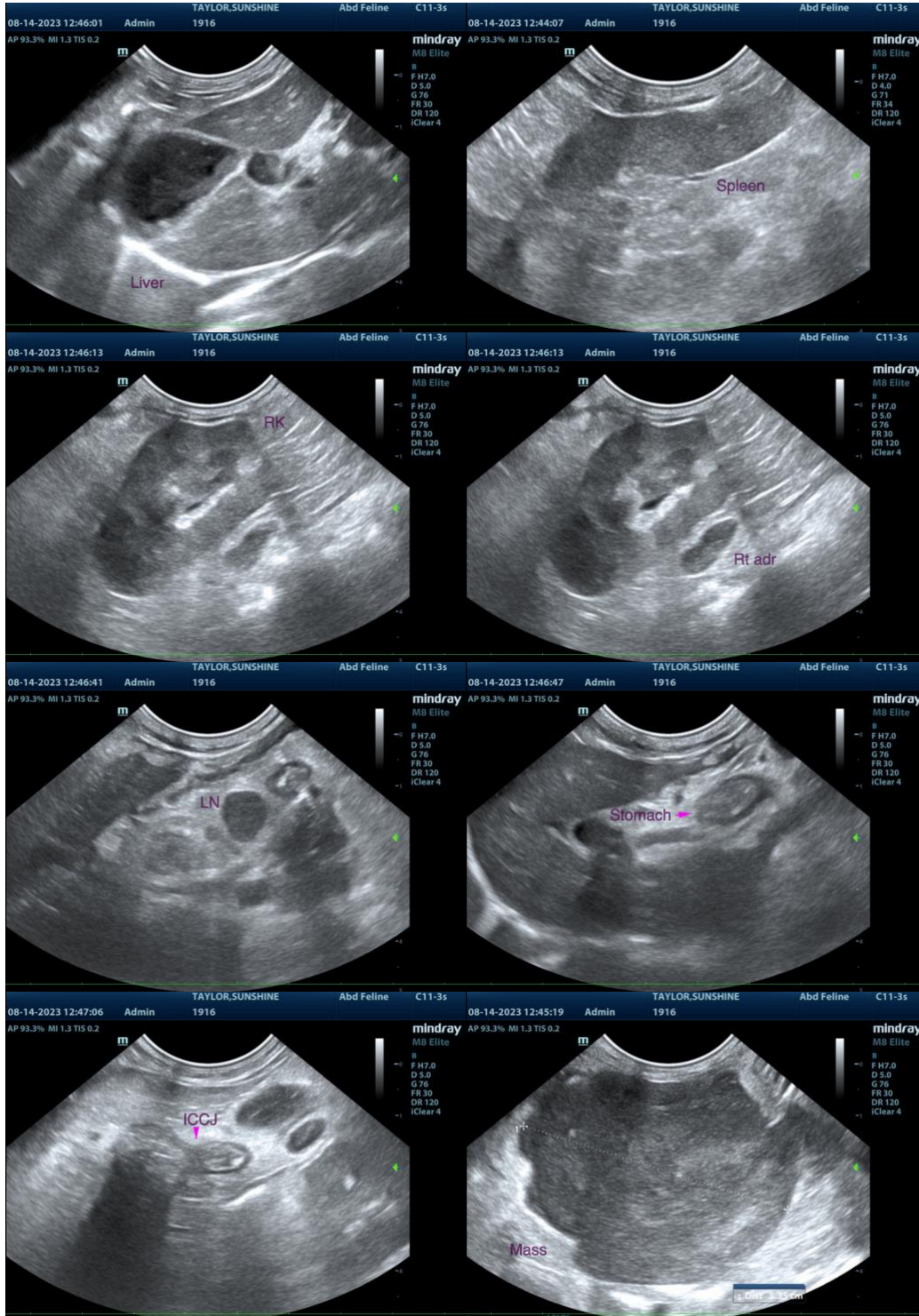
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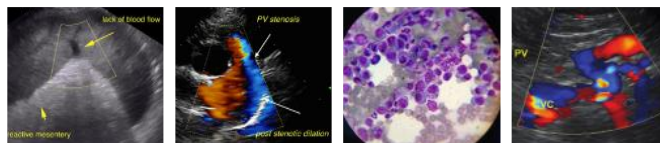
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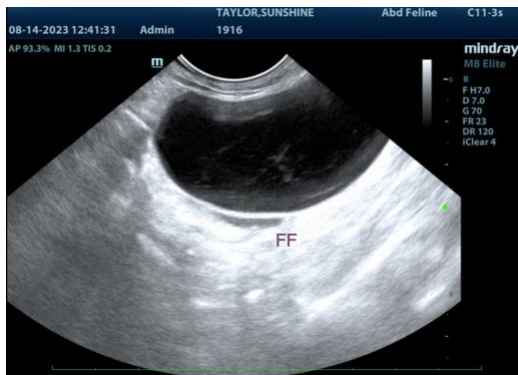
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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