



PATIENT PRESENTING CLINICAL SIGNS

Nixie Sterner Soft tissue swelling on left side of head, large L mandibular LN, palpable abdominal mass.

SPECIES CBC- Leukocytosis with monocytosis and neutrophilia, mild anemia
 Rads revealed bilateral renomegaly

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

DSH 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 was noted.

SEX

MN The area of the aortic trifurcation was free of pathology.

AGE

2013 The left kidney was mildly enlarged with asymmetrical margination yet maintained a 1:3 cortex / medulla ratio with mildly enhanced yet indistinct corticomedullary border demarcation. Generalized uniform hyperechoic cortex was noted. Mild pyelectasia with mild fluid extending into the lateral diverticuli was present. No evidence of left kidney subcapsular or left retroperitoneal free fluid. The left kidney measured 5.0 cm length.

WEIGHT

8.5 The right kidney was markedly enlarged exhibiting loss of corticomedullary architecture with medullary expansion and irregular hyperechoic cortex. Mild hypoechoic halo sign, which may indicate mild subcapsular or right retroperitoneal free fluid, was present. The right kidney measured 7.4 cm in length.

INTERPRETED BY

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

Adrenal Glands

The left and right adrenal glands were not definitively visualized.

IMAGING

PERFORMED BY
 Rebekah Jakum, CVT
 ARDMS/RVT

Spleen

Borderline splenomegaly with mild asymmetrical medial capsule contour with subtle nonhomogeneous parenchyma was present with no distinct splenic masses or nodules. Normal splenic vascularity was noted. The spleen measured 1.0 cm width at the level of the hilus.

HOSPITAL NAME

Maple Hills VH

Liver/ Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Eckman

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Gastrointestinal

DATE

1/18/23



PATIENT

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.

Nixie Sterner

SPECIES

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.

Feline

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

BREED

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

DSH

SEX

Free Abdomen

MN

Solitary, midabdominal, likely colic lymph node was present. The lymph node was homogenous, mildly hypoechoic, and smoothly margined. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident. The lymph node size was 1.0 cm in diameter. No evidence of peritoneal effusion was noted.

AGE

2013

ULTRASONOGRAPHIC FINDINGS

WEIGHT

8.5

- Right kidney mass with associated hypoechoic halo sign
- Left kidney mild renomegaly exhibiting uniform hyperechoic cortex and mild pyelectasia
- Borderline splenomegaly exhibiting mild asymmetrical capsule contour
- Focal nonspecific mesenteric lymphadenopathy

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although sampling is required for further assessment, the right kidney mass consistent with neoplastic criteria with primary concern for multicentric, likely high-grade, lymphoma, and highly suspected early left kidney involvement. Potential for early splenic or focal mesenteric lymphatic involvement is possible.

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FNA cytology of the right kidney mass with potential for oncology consult and chemotherapeutic intervention could be considered. Unfortunately, a likely unfavorable prognosis is indicated.

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PATIENT

Nixie Sterner

SPECIES

Feline

BREED

DSH

SEX

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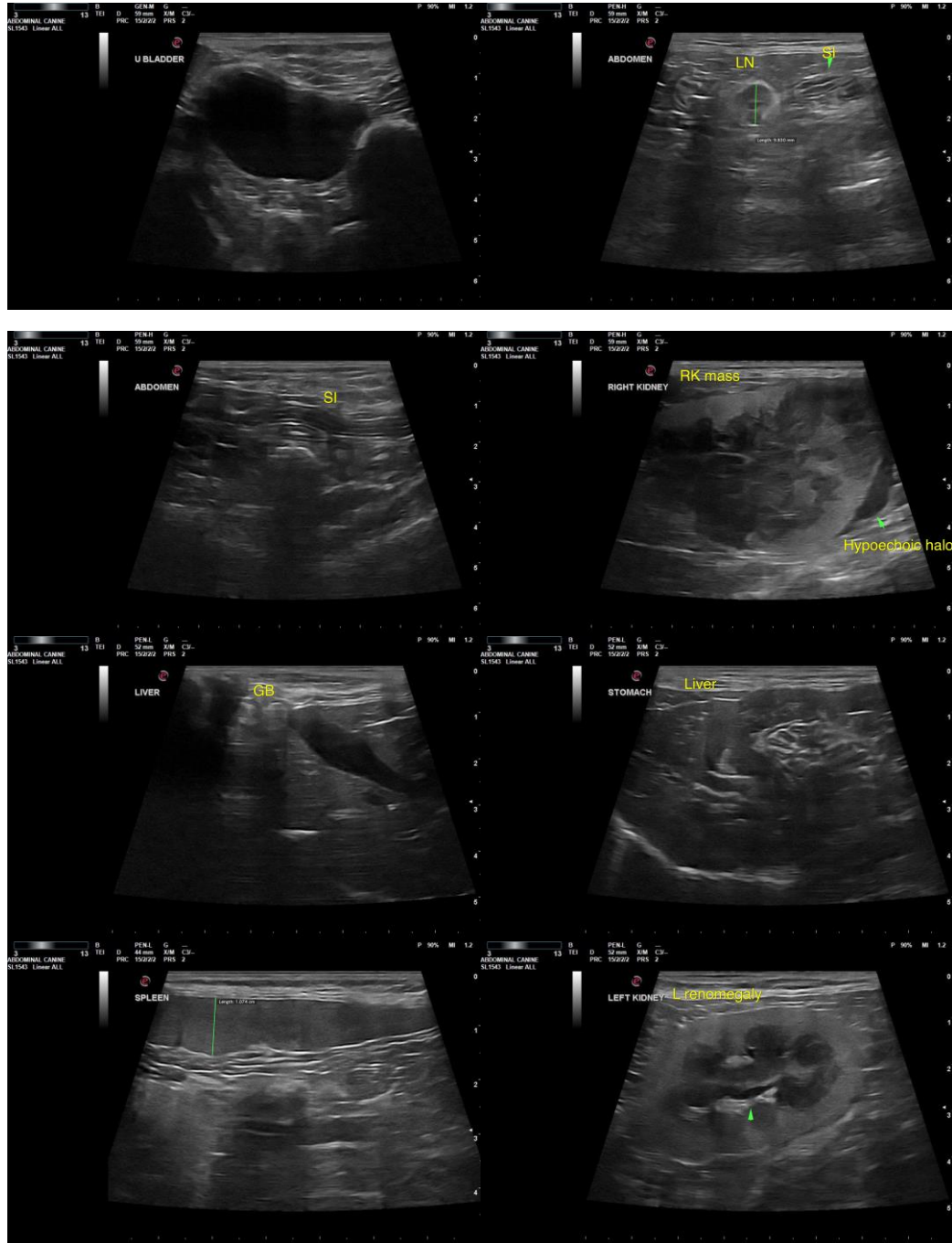
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



PATIENT can be of any further assistance, please contact me.

Nixie Sterner

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SPECIES

Feline

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