



PATIENT

Riley Michlik

PRESENTING CLINICAL SIGNS

History: AUS met check. Limping RF leg, CT performed 6/13/2023

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. A small amount of suspended echogenic debris is observed within the lumen. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

BREED

Greater Swiss Mountain Dog

The left kidney is normal size (6.39 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

SEX

Female, spayed

The right kidney is normal size (6.78 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

5 Yrs.

WEIGHT

93.8 lbs.

Adrenal Glands

The left adrenal gland is normal size (0.59 cm at cranial pole) (0.50 cm at caudal pole) (2.32 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

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

The right adrenal gland is normal size (0.83 cm at cranial pole) (0.53 cm at caudal pole) (1.74 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Shari Reffi CVT

Spleen

The spleen is normal in size (2.09 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

HOSPITAL NAME

Animal Hospital of Sussex County

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. A moderate amount of aggregated echogenic gravity-dependent debris/sludge is observed within the lumen. The cystic and common bile ducts are normal/not seen.

REFERRING VET

Dr. Ackernecht

INVOICE

15066

Gastrointestinal

The gastric lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a

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normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

Pancreas

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The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

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Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. 1-2 prominent medial iliac lymph nodes are visualized, the largest measuring 4.06 cm in length.

SEX

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Other

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

AGE

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ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- The prominent medial iliac lymph nodes are most consistent with reactive change. However, early metastatic disease cannot be completely excluded.

Secondary Findings:

- Minor bilateral chronic renal changes.

WEIGHT

93.8 lbs.

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(Small Animal Internal
Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- Consider a fine needle aspirate of the enlarged medial iliac lymph node if clotting status is appropriate. A 25-gauge needle should be used and care should be taken to avoid puncturing the great vessels.
- Consultation with a board-certified oncologist is also recommended for further diagnostic/treatment recommendations.

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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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
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