



PATIENT PRESENTING CLINICAL SIGNS

Patient: Bootz Nolan
History: 1 cm firm rectal mass was noted in the area of the left anal gland. Chest radiographs were normal. Bloodwork was normal.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone is normal.

BREED

Terrier Mix

The left kidney is normal in size (6.30 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

SEX

Spayed Female

The right kidney is normal in size (6.03 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

AGE

10 years

Adrenal Glands

The left adrenal gland is normal in size (0.46 cm at cranial pole) (0.65 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

WEIGHT

52.4 lbs

The right adrenal gland is normal in size (0.49 cm at cranial pole) (0.35 cm at caudal pole) with a normal shape and 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
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Spleen

The spleen is normal in size (1.89 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 appears normal.

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Dr. Sheldon

Liver

The liver is subjectively prominent in size 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.

HOSPITAL NAME

Advanced PC of
Oakland

The gall bladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal/not seen.

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Gastrointestinal

The 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 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.

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PATIENT

Pancreas

Bootsz Nolan

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.

SPECIES

Free Abdomen

Canine

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

ULTRASONOGRAPHIC FINDINGS

BREED

Primary Findings

Terrier Mix

- Mild bilateral chronic renal changes
- Suspected benign diffuse hepatopathy. Vacuolar hepatopathy (i.e., idiopathic/endocrine) is consider likely with a lower possibility of more insidious hepatic pathology, particularly in light of the normal enzymes.

SEX

Spayed Female

*There is no obvious evidence of metastatic disease in the abdomen.

AGE

10 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

52.4 lbs

- Consider a fine-needle aspirate of the left anal gland and/or a left anal sacculotomy with submission for histopathology. Depending on the results, an oncology consultation may be warranted.

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REFERRING VET

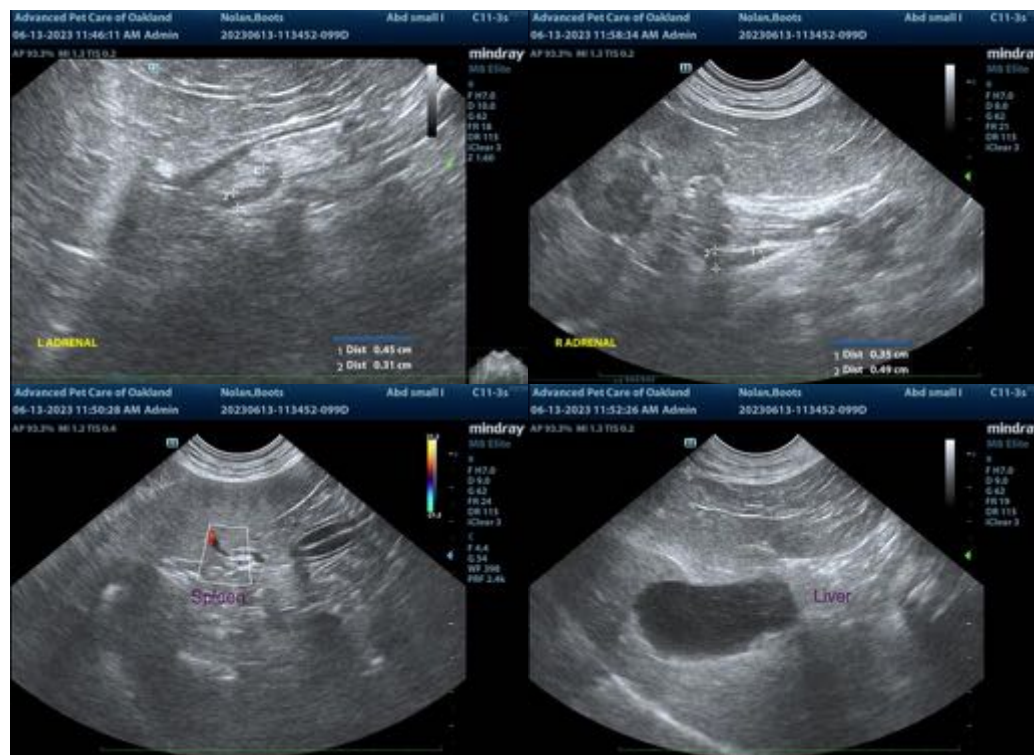
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Bootz Nolan

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.

SPECIES

Canine

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BREED

Terrier Mix

SEX

Spayed Female

AGE

10 years

WEIGHT

52.4 lbs

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