



PATIENT PRESENTING CLINICAL SIGNS

Bella Whalen

On 1/22/23, a naturally-voided urine sample (submitted for wellness labwork) contained a large amount of protein, RBCs, WBCs, and bacteria. Started 7 day course of oral Amoxicillin. In house ultrasound showed what appeared to be a mass near the bladder. Owner reports Bella has been pollakiuric and having accidents in the house. She also has a history of exocrine pancreatic insufficiency, elevated ALP, arthritis, and periodontal disease. On Gabapentin prn for discomfort.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Boxer

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with very minor particulate sediment. The sediment may indicate cellular debris / protein, crystalline debris, lipid, or mucus. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

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AGE

11yr

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.0 cm in length. The right kidney measured 8.0 cm in length.

WEIGHT

58.5lb

Adrenal Glands

The left and right adrenal glands were not definitively visualized. No obvious pathology was present in the area of the bilateral adrenal glands.

INTERPRETED BY

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

Spleen

The spleen exhibited normal size, areas of capsule asymmetry and subtle generalized non-homogenous parenchyma. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

Liver/Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. 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.

HOSPITAL NAME

VCA Whitman AH

Gastrointestinal

REFERRING VET

Dr. Serbin

The stomach was not definitively visualized with no obvious evidence of gastric distention with fluid, ingesta or foreign material.

INVOICE

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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.

Normal visualized segments of descending colon were present with apparent formed feces in lumen.

DATE

02/13/2023

Pancreas

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 was evident.



PATIENT *Free Abdomen*

Bella Whalen

A large irregular non-homogenous unspecified mass present in the caudal abdomen in the area of the iliac trifurcation appearing to impinge upon the apical to dorsoapical urinary bladder. The mass measured ~ 10 cm in diameter. Concurrent mild volume peritoneal effusion noted in the cranial and caudal abdomen exhibiting mild echogenic changes suggestive of mild effusion cellularity.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Boxer

- Large non-homogenous caudal abdominal mass in the area of the iliac trifurcation
- Overtly normal urinary bladder and visible proximal urethra
- Mild chronic renal changes with intact renal architecture
- Mild volume peritoneal effusion with mild echogenic changes

SEX

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

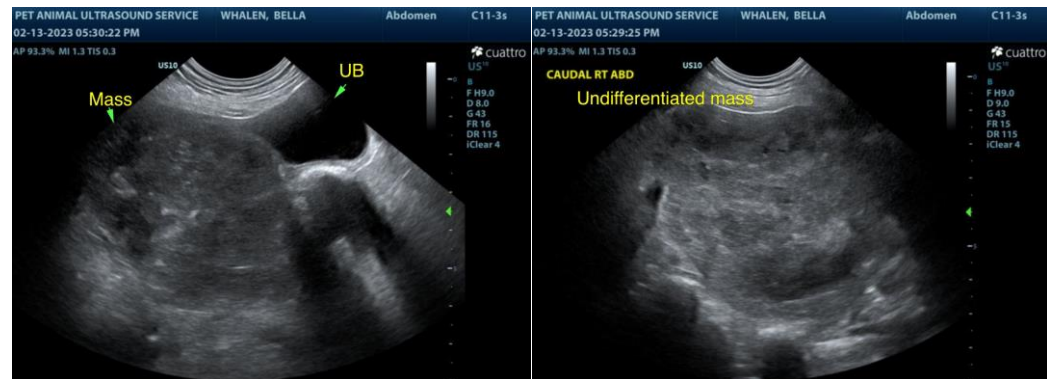
The unspecified caudal abdominal mass is consistent with neoplastic criteria with primary concern for unspecified sarcoma. Assuming normal clotting status and using a 25g needle, an abdominal mass FNA for screening cytology could be considered for further assessment. However, given this presentation abdominal CT is likely ideal for further assessment and surgical planning if possible. Three view chest radiographs are recommended if not done to assess for occult thoracic pathology.

AGE

11yr

WEIGHT

58.5lb



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 DABVP (Canine and Feline)

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PATIENT

Bella Whalen

SPECIES

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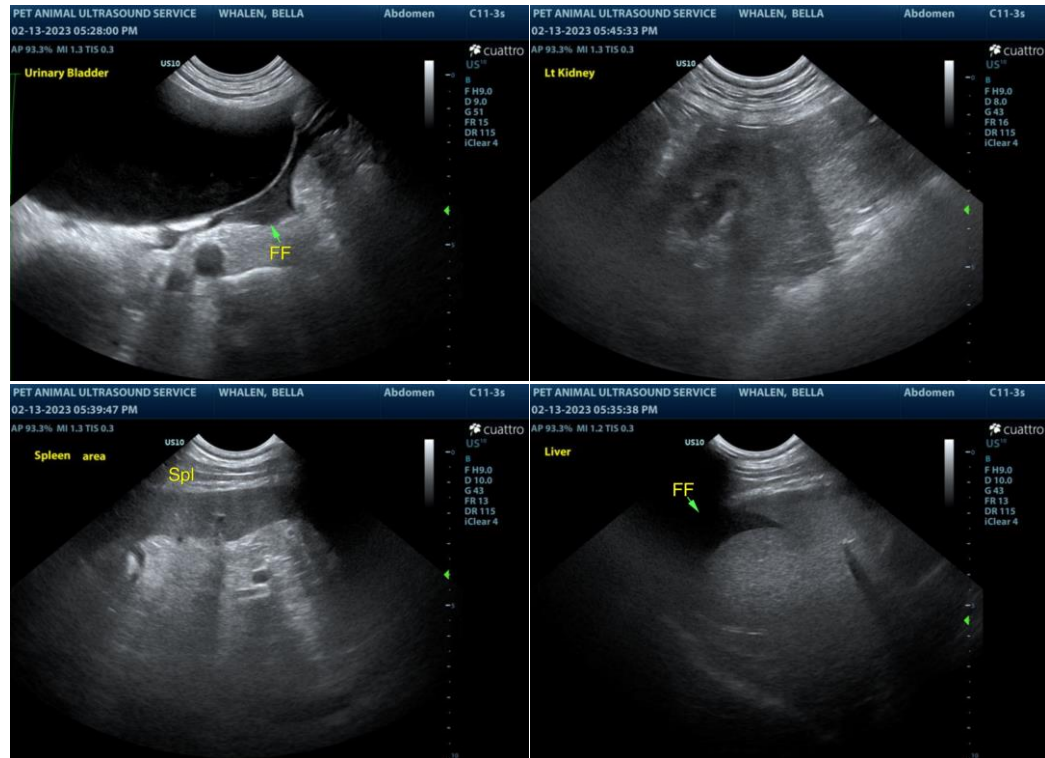
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

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