

PATIENT PRESENTING CLINICAL SIGNS

Bella Zevos
 Presented for annual exam May 19. Patient was noted to be PU/PD with increased urinary accidents and mildly hyporexic for 3-4 weeks prior to presentation. Rectal exam revealed firm mass 1 cm x 1 cm in the L AG. BW = hypercalcemia. Started on antibiotics. FNA of mass to be done today, 4 V CXR (unremarkable). AUS to assess for sublumbar metastasis. Phos 2.2; Ca 1.2; TP 7.7; Alb 4.0. On Clinda 75 mg BID.

SPECIES
 Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED
Urinary System

Dachshund
 The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

SEX
Intact Female
 The left kidney has a normal shape and size (4.22 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE
 12 Years
 The right kidney has a normal shape and size (4.65 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT
 10.8 Pounds
Adrenal Glands

The left adrenal gland is normal in size measuring 0.53 cm at the caudal pole. It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

The right adrenal gland is normal in size measuring 0.47 cm at the caudal pole. It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

INTERPRETED BY

Kathleen Sennello DVM,
 MS, Diplomate ACVIM
 (Small Animal Internal
 Medicine)

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

Spleen

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

HOSPITAL NAME

Norfolk County VS

Liver

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed.

REFERRING VET

Dr. Meredith Leoni

The gallbladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

INVOICE

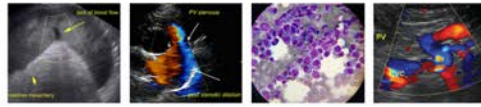
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Gastrointestinal

The stomach contains minimal luminal contents. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

DATE

5/26/22



PATIENT

Bella Zevos

The visualized areas of duodenum, jejunum and ileum have a uniform diameter with minimal fluid distension. Wall appears subjectively, mildly increased. Bowel loops follow a typical curvilinear path with distinct wall layering. Jejunum wall measured 0.44 cm. Duodenum wall measured 0.39 cm. There is mild mucosal speckling visualized in the duodenum. Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

SPECIES

Canine

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

BREED

Dachshund

Pancreas

The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

SEX

Intact Female

Free Abdomen

Evaluation of the peritoneal cavity did not reveal any evidence of effusion. There is no evidence of a mesenteric lymphadenopathy, but the left sublumber lymph node is slightly hypoechoic and prominent, measuring 1.15 cm x 1.49 cm. Additionally, the medial iliac lymph node is prominent and 0.59 cm. The omentum is of normal echogenicity.

AGE

12 Years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

10.8 Pounds

- Mildly thickened small intestine with mucosal speckling – The significance of this is unclear. If there is no evidence of underlying gastrointestinal disease, this should just be monitored.
- Hypoechoic, slightly prominent left sublumber lymph node and medial iliac lymph node.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no evidence of overt metastasis, and the sublumber lymph node and medial iliac lymph node are prominent. The hypoechoic echotexture is somewhat concerning, but continued monitoring of these structures is warranted, as they could represent reactive/inflammatory nodes, or metastasis.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS



HOSPITAL NAME

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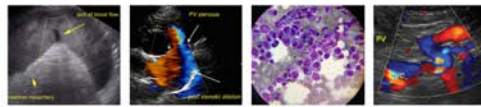
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SPECIES

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BREED

Dachshund

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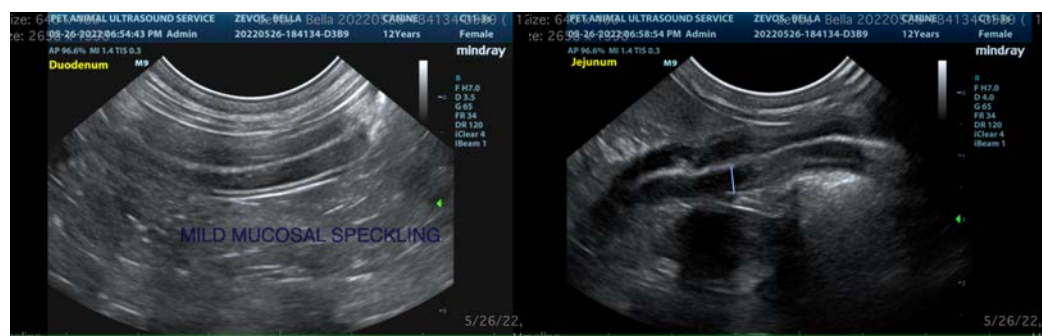
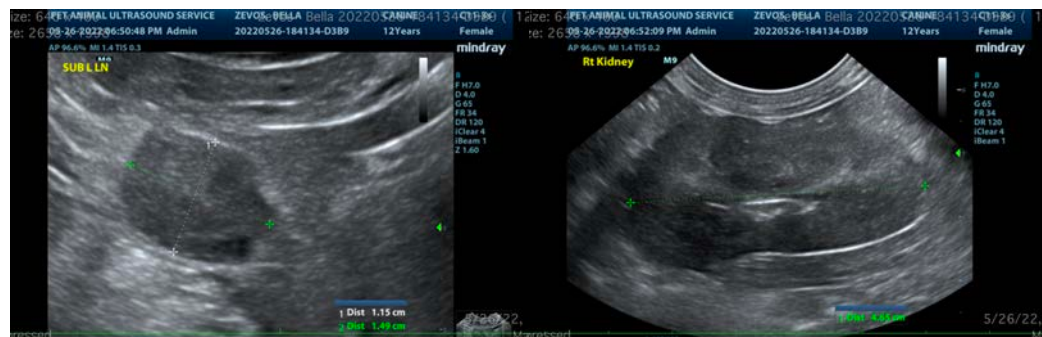
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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