



PATIENT PRESENTING CLINICAL SIGNS

Tara Nesta Renal failure.
Abnormal PE/Chem/CBC/UA Results: BUN 64, creat. 2.6, P 10.6, WBC 18.73, ALT 155, AP 340.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Bichon Frise

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

Spayed Female

The left kidney has a normal shape and size (3.86 cm). Overall echogenicity is slightly hyperechoic with poor 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

16 Years

The right kidney has a normal shape and size (3.92 cm). Overall echogenicity is slightly hyperechoic with poor 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

N/A

Adrenal Glands

The left adrenal gland is normal in size measuring 0.49 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.

INTERPRETED BY

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

The right adrenal gland is normal in size measuring 0.38 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.

IMAGING PERFORMED BY

Kelly Vazquez

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

Westwood Regional

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. Cattiny

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

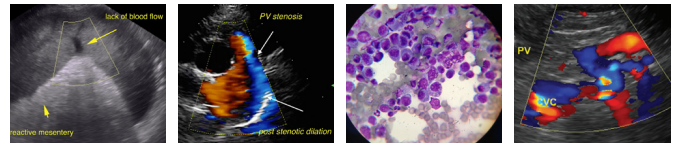
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Gastrointestinal

The stomach contains minimal luminal contents. It largely measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. However, there is a focal area in the ventral portion of the abdomen where there is focal thickening of the gastric wall with a complete loss of layering. Gastric wall in this area measures at 0.93 cm.

DATE

2/17/22



PATIENT

Tara Nesta

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. The duodenum measured as normal (between 0.3-0.5cm in wall thickness) and the jejunum measured as normal (between 0.2-0.47cm.)

SPECIES

Canine

Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

BREED

Bichon Frise

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.

Pancreas

SEX

Spayed Female

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.

Free Abdomen

AGE

16 Years

There is no significant free fluid. There is a very large mass effect in the intrapelvic region and dorsal to the urinary bladder. This appears as either a cluster of nodules, or a lobulated mass effect, measuring approximately 5.7 cm x 6.5 cm. The omentum is generally of normal echogenicity.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

N/A

- Large, multilobulated intrapelvic mass – This could represent a lymph node, extension of an anal gland, etc. Correlate with rectal exam and abdominal radiographs.
- Suspect gastric wall mass with focal area of thickening with loss of layering visualized – Findings are concerning for an underlying neoplastic process, although inflammation and edema are possibilities.
- Decreased corticomedullary distinction in both kidneys – The bilateral renal findings are consistent with age-related change.

INTERPRETED BY

Kathleen Sennello DVM,
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(Small Animal Internal
Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is a large mass effect that appears caudodorsal to the urinary bladder, and appears to extend into the intrapelvic region. This could be a lymph node, an extension of an anal gland, or other intrapelvic structure. Correlate these findings with a rectal exam and abdominal radiographs. Carefully evaluate the anal glands. A fine needle aspirate of this mass effect could be considered.

Additionally, there is a section of stomach (cannot 100% rule out proximal bowel) with a complete loss of layering and mass effect. I suspect this area would need to be evaluated surgically, or possibly endoscopically, but surgical evaluation would be preferable. Recommend 3-view thoracic radiographs.

IMAGING PERFORMED BY

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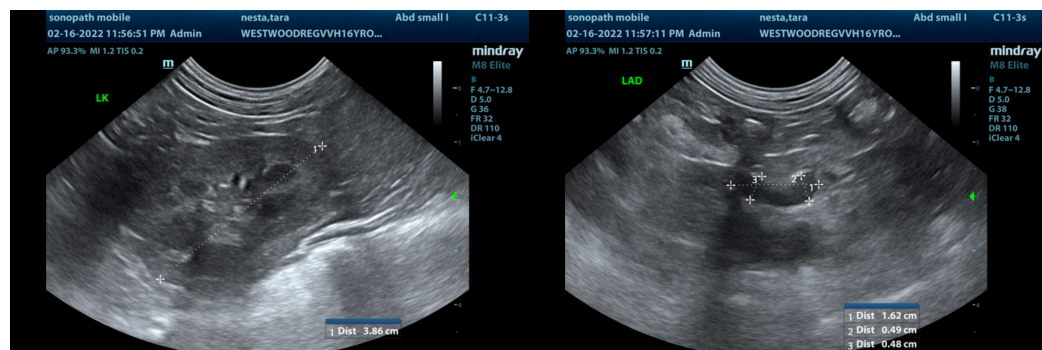
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PATIENT

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SPECIES

Canine

BREED

Bichon Frise

SEX

Spayed Female

AGE

16 Years

WEIGHT

N/A

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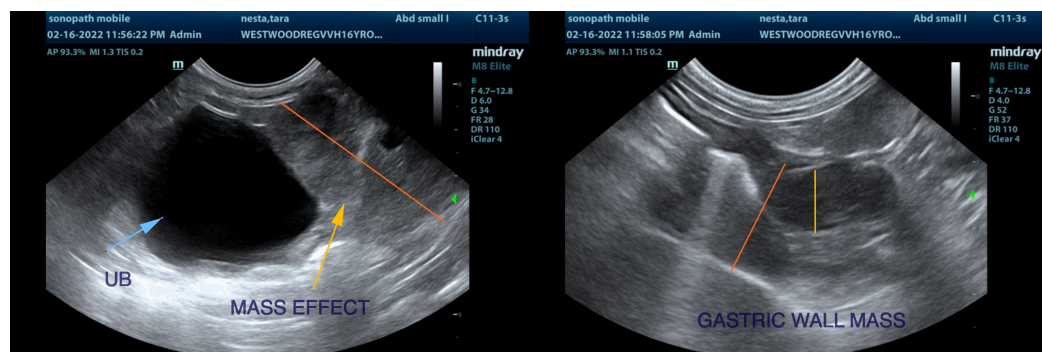
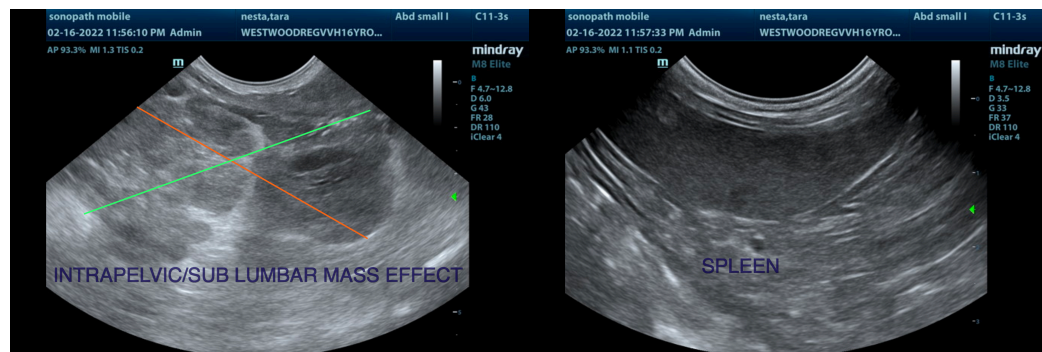
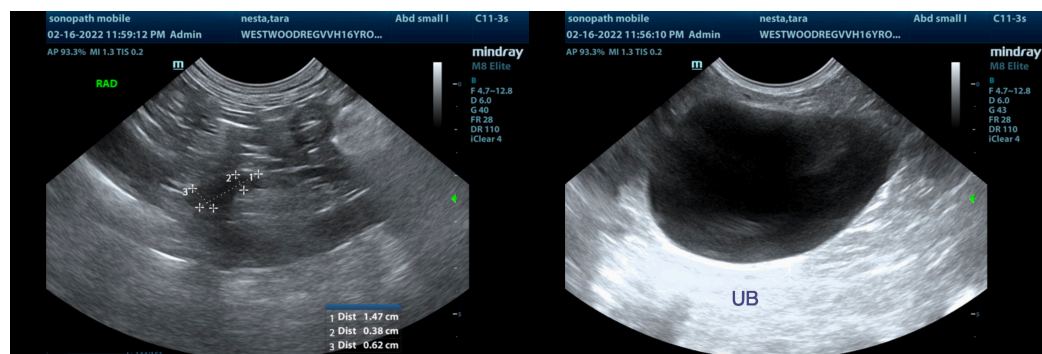
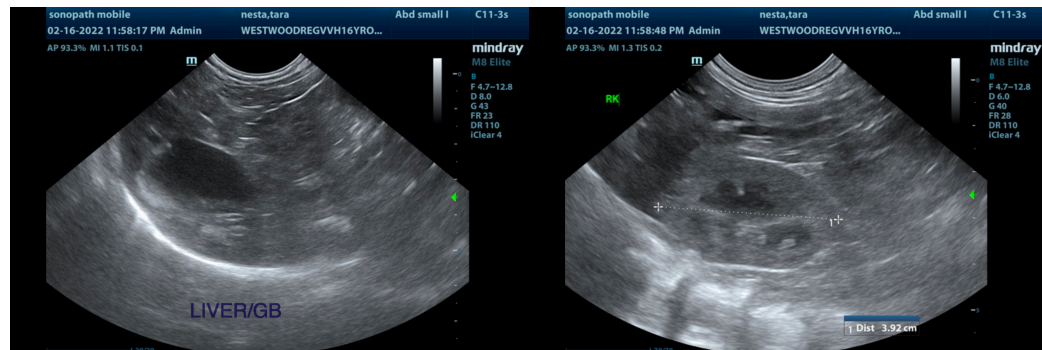
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

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

BREED

Bichon Frise

kathleen.sennello@sonopath.com

SEX

Spayed Female

AGE

16 Years

WEIGHT

N/A

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