

**PATIENT PRESENTING CLINICAL SIGNS**

Mercedes Bolin

History: PAWS Request Form: Chief Concern / Provisional Diagnosis: ~follow up ultrasound to evaluate growth/change in bladder wall abnormality Relevant Medical History and Physical Exam findings: ~Nothing new/different since last exam~ Recent Diagnostics: Relevant Laboratory Results / Abnormalities: ~last BW WNLs~ Current medications (include full name, dosage and frequency): ~none~

**SPECIES**

Canine

**BREED**

Dachshund

**SEX**

Spayed Female

**AGE**

13 Years

**WEIGHT**

14.5 Pounds

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder is moderately distended with anechoic urine. A 0.91 x 0.26 cm smooth, well-circumscribed hyperechoic region is observed along the mid ventral wall in the submucosal region. The remaining bladder wall is normal in thickness with a normal layering pattern. No cystic calculi are observed. The region of the trigone and the visible portion of the proximal urethra are normal.

The left kidney presented normal size (4.57 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomodullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

The right kidney presented normal size (5.33 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomodullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**INTERPRETED BY**

Andrea Nicaastro, DVM,  
Diplomate ACVIM (Small  
Animal Internal Medicine)

**Adrenal Glands**

The left adrenal gland is normal size (0.40 cm at cranial pole) (0.44 cm at caudal pole) (1.46 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**

Loetitia Saint-Jacques, RVT,  
LVT, DVM

The caudal pole of the right adrenal gland is visualized and is normal size (0.48 cm in width) with a normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The surrounding vasculature is normal.

**HOSPITAL NAME**

MountainView AH

**Spleen**

The spleen is normal in size (1.43 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.

**REFERRING VET**

Dr. Sarah Kalivoda

**Liver**

The liver is subjectively prominent in size with swollen curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen and exhibits mild heterogeneity. No distinct focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion.

**INVOICE**

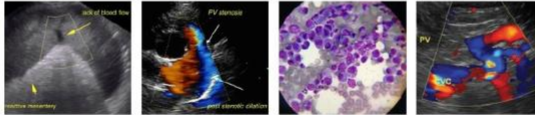
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The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of mostly gravity dependent aggregated echogenic debris is observed within the lumen. The cystic and common bile ducts are normal.

**DATE**

2/10/22

**Gastrointestinal**



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Mercedes Bolin

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are 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. No obstructive or overt infiltrative disease is noted.

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Canine

**Pancreas**

The right limb of the pancreas is visible with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

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Dachshund

**SEX**

Spayed Female

**Free Abdomen**

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A 0.93 cm medial ileac lymph node is visualized. A few prominent jejunal lymph nodes are also seen, the largest measuring 1.74 cm in length.

**AGE**

13 Years

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- The ventral urinary bladder wall lesion is similar in size and appearance compared to the previous sonogram. Differentials include lipogranuloma, inflammatory focus, or an emerging tumor (i.e., leiomyomas, leiomyosarcoma).

**Secondary Findings**

- Benign diffuse hepatopathy. (Changes are similar to the previous sonogram).
- Age-related pancreatic remodeling. (Changes are similar to the previous sonogram).
- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. (Changes are similar to the previous sonogram).

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Consider a recheck ultrasound in 2-3 months to re-evaluate the urinary bladder lesion (or sooner if problems arise).

**INTERPRETED BY**

Andrea Nicaastro, DVM,  
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Animal Internal Medicine)

**IMAGING PERFORMED BY**

Loetitia Saint-Jacques, RVT,  
MT (R)

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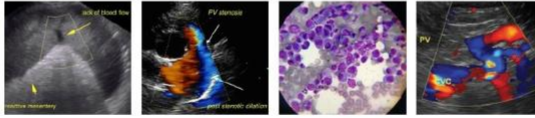
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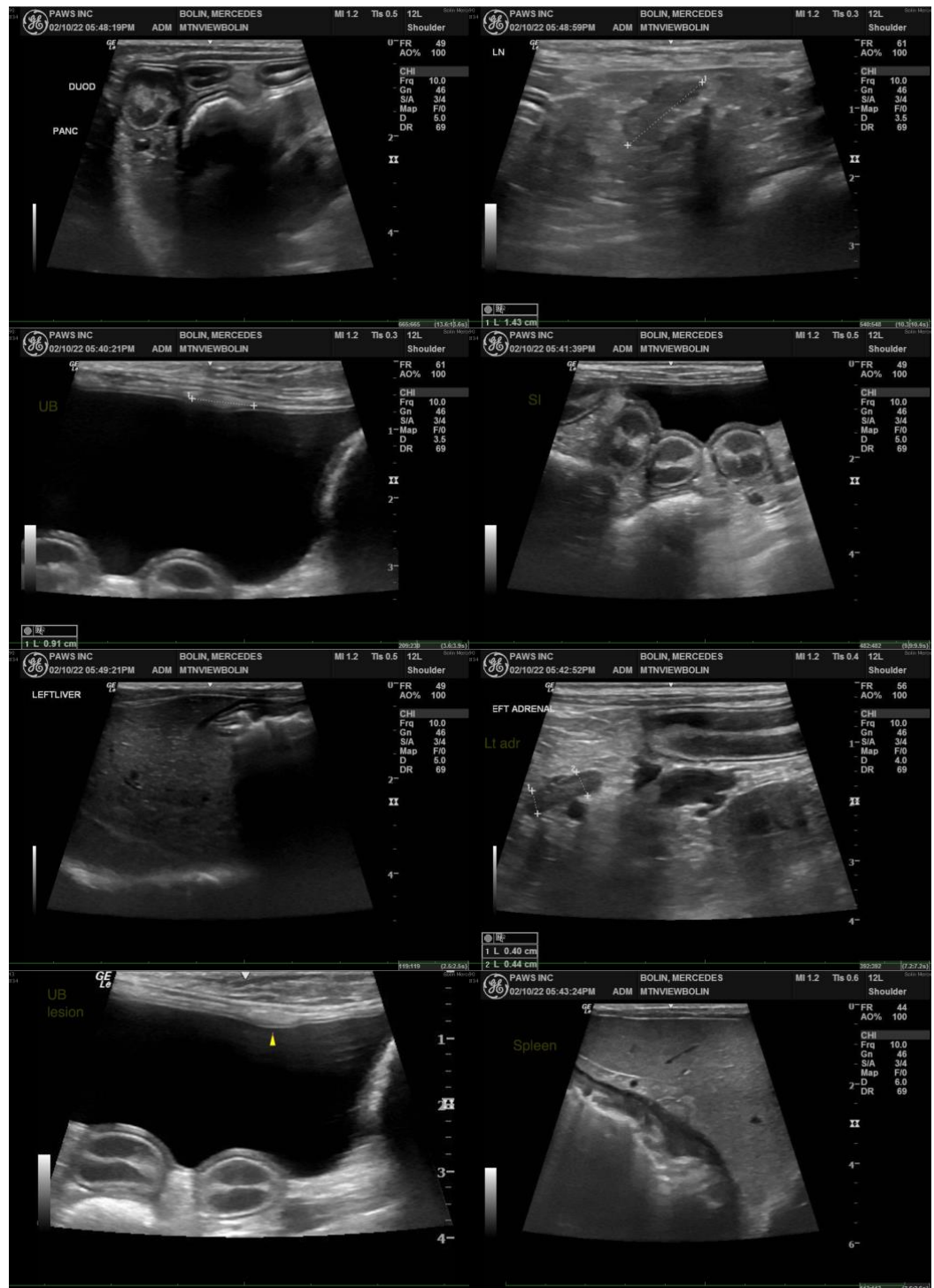
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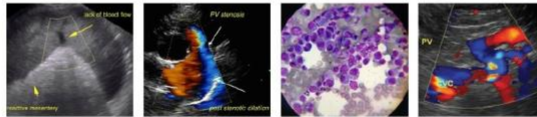
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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