



**PATIENT PRESENTING CLINICAL SIGNS**

Grover Green Several week duration straining to defecate, palpable rectal mass.  
 Medication: Rimadyl, Baytril, Miralax

**SPECIES** WBC 19.3 with neutrophilia, Unremarkable Chemistry Panel, Specific gravity- 1.040, 3+Protein  
 Canine

**BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Dachshund Mix**  
**Urinary System**  
 The urinary bladder exhibited subjective mild distention, yet normal tone. No evidence of inflammatory or neoplastic urinary bladder mural changes was evident. Anechoic urine was present in the bladder with no sediment or calculi.

**SEX** MN  
 The residual prostate exhibited moderate to marked enlargement with asymmetrical prostatic capsule contour which is difficult to differentiate from surrounding tissue, and nonuniform irregular residual prostatic parenchyma exhibiting potential for indistinct hyperechoic foci, which may suggest mineralization although not definitive. The residual prostate measured 6.2 cm x 4.3 cm. Subtle evidence of periprostatic reactive to possibly inflamed tissue was noted.

**AGE** 2012  
**WEIGHT** 22.4  
 A solitary isoechoic to nonhomogeneous, mildly prominent medial iliac lymph node, measuring 1.3 cm x 0.79 cm, was present.

**INTERPRETED BY**  
 R. McKenzie Daniel, DVM, DABVP (Canine and Feline)  
 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 5.4 cm in length. The right kidney measured 5.6 cm in length.

**IMAGING PERFORMED BY**  
**Adrenal Glands**

Rebekah Jakum, CVT ARDMS/RVT  
 The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.5 cm length x 0.79 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.6 cm length x 0.45 cm width at the caudal pole.

**HOSPITAL NAME**  
 Lehigh Valley AH (Allen)  
**Spleen**

**REFERRING VET**  
 Dr. Meyer  
 The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

**INVOICE**  
**Liver/ Gallbladder**

15010  
 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

**DATE**  
 9-28-22



**PATIENT**

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.

Grover Green

**Gastrointestinal**

**SPECIES**

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

Canine

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.

**BREED**

Dachshund Mix

Normal visible colon wall layers were present with apparent formed feces in lumen. The colon appeared to be mildly displaced dorsally in the area of the enlarged residual prostate.

**SEX**

**Pancreas**

MN

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 were evident.

**AGE**

**Free Abdomen**

2012

A small pocket of scant free fluid was noted around the urinary bladder. No overt evidence of omental lymphadenopathy or peritoneal free fluids was noted.

**WEIGHT**

22.4

**ULTRASONOGRAPHIC FINDINGS**

- Moderate to markedly enlarged, mixed echogenic irregular residual prostate
- Focal mildly prominent nonhomogeneous medial iliac lymphadenopathy
- Overtly normal colon
- Mildly distended yet sonographically normal urinary bladder

**INTERPRETED BY**

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DVM, DABVP  
(Canine and Feline)

**IMAGING**

**PERFORMED BY**

Rebekah Jakum, CVT  
ARDMS/RVT

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**HOSPITAL NAME**

Although pending sampling is required for further assessment, primary concern for residual prostate neoplastic criteria, i.e., prostatic carcinoma, urothelial carcinoma, or other. Potential for moderate to marked residual prostatic inflammation is considered a less likely differential diagnosis. Correlation with potential for oncology consult is suggested.

Lehigh Valley AH  
(Allen)

**REFERRING VET**

Dr. Meyer

The solitary, prominent, nonhomogeneous medial iliac lymph node may indicate hyperplasia, reactive lymphadenitis, or early metastatic criteria.

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**SPECIES**

Canine

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Dachshund Mix

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**HOSPITAL NAME**

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**REFERRING VET**

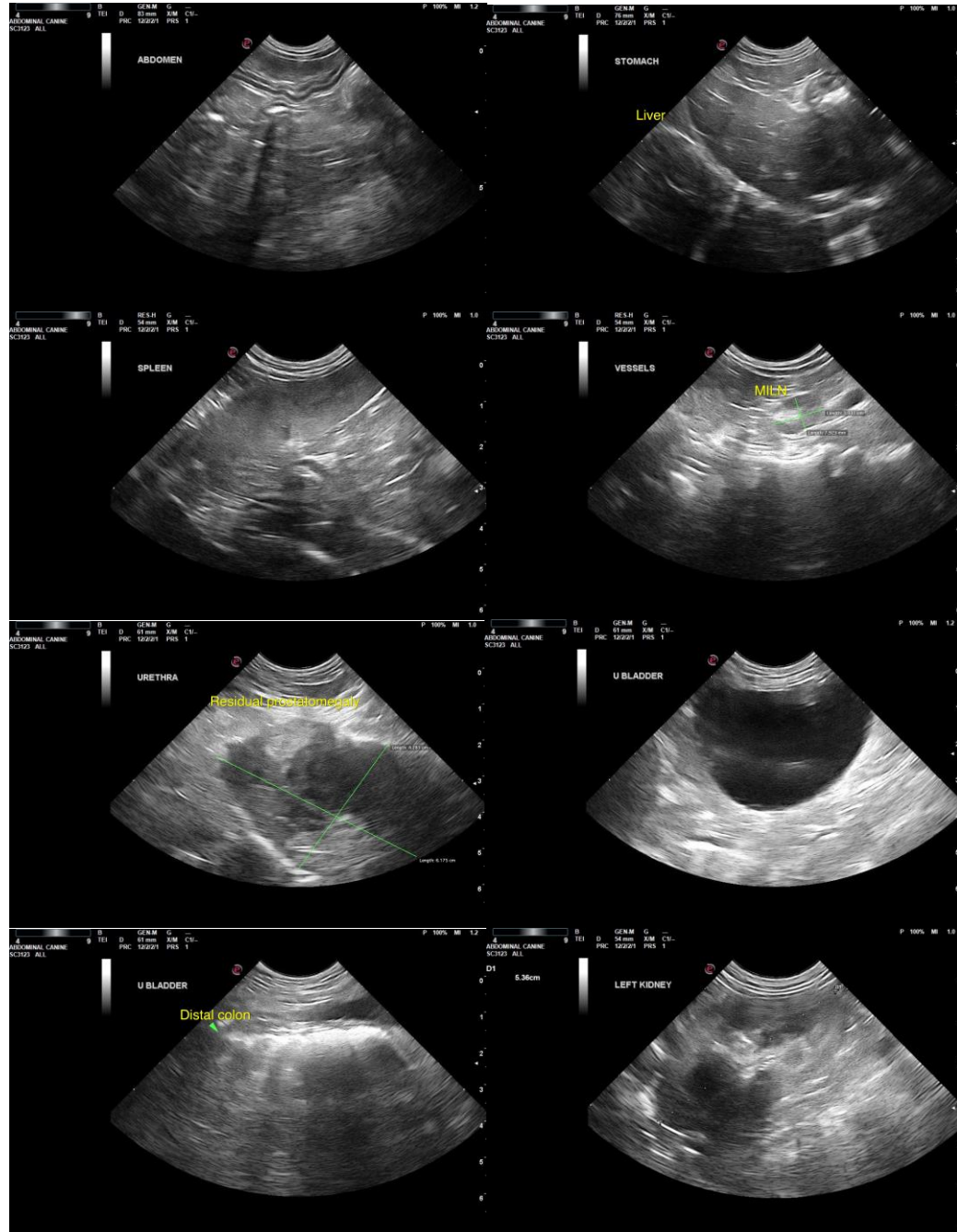
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**SPECIES**

Canine

**BREED**

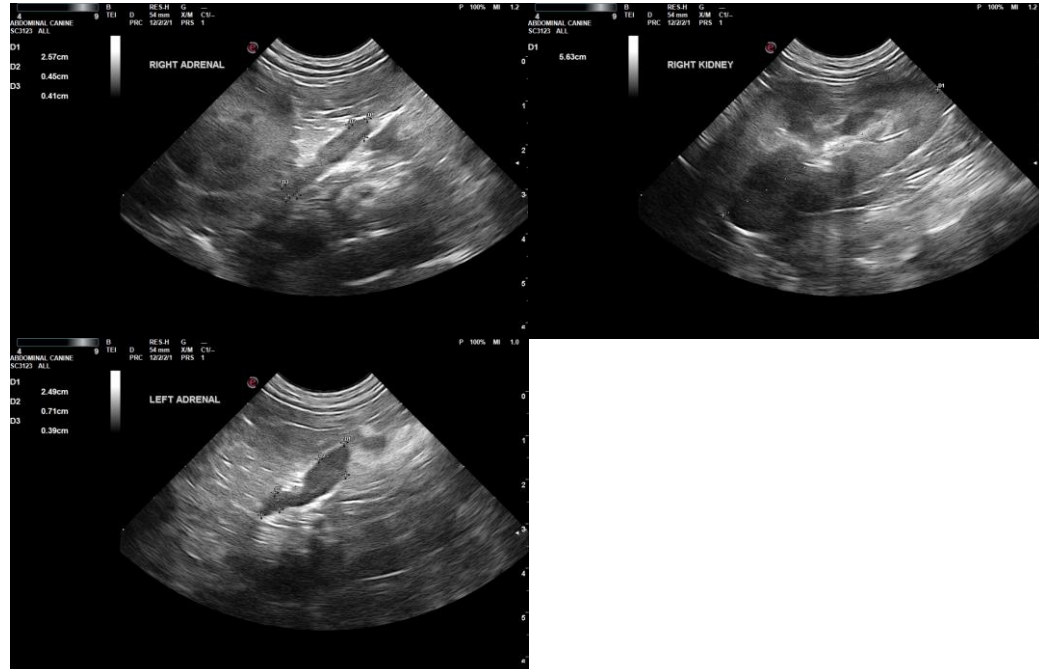
Dachshund Mix

**SEX**

MN

**AGE**

2012



**WEIGHT**

22.4

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.

**INTERPRETED BY**

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

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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