



**PATIENT**

Drogo Ahlowalia

**PRESENTING CLINICAL SIGNS**

History: enlarged prostate blood dripping from prepuce

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Rottweiler

The **urinary bladder** was not visualized.

**SEX**

Male

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 8.27 cm. The left kidney measured 7.19 cm.

**AGE**

1 year

**Adrenal Glands**

The left **adrenal gland** was uniform and measured 2.79 x 0.72 cm at the caudal pole and 0.64 cm at the cranial pole. The region of the right adrenal gland was unremarkable.

**WEIGHT**

102 ;bs

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

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**REFERRING VET**

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**Gastrointestinal**

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**DATE**

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**PATIENT**

**Pancreas**

Drogo Ahlowalia

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Unremarkable abdomen.

Rottweiler

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Further imaging of the deep pelvic urethra is necessary to assess the prostate.

Male

**AGE**

1 year

**WEIGHT**

102 ;bs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

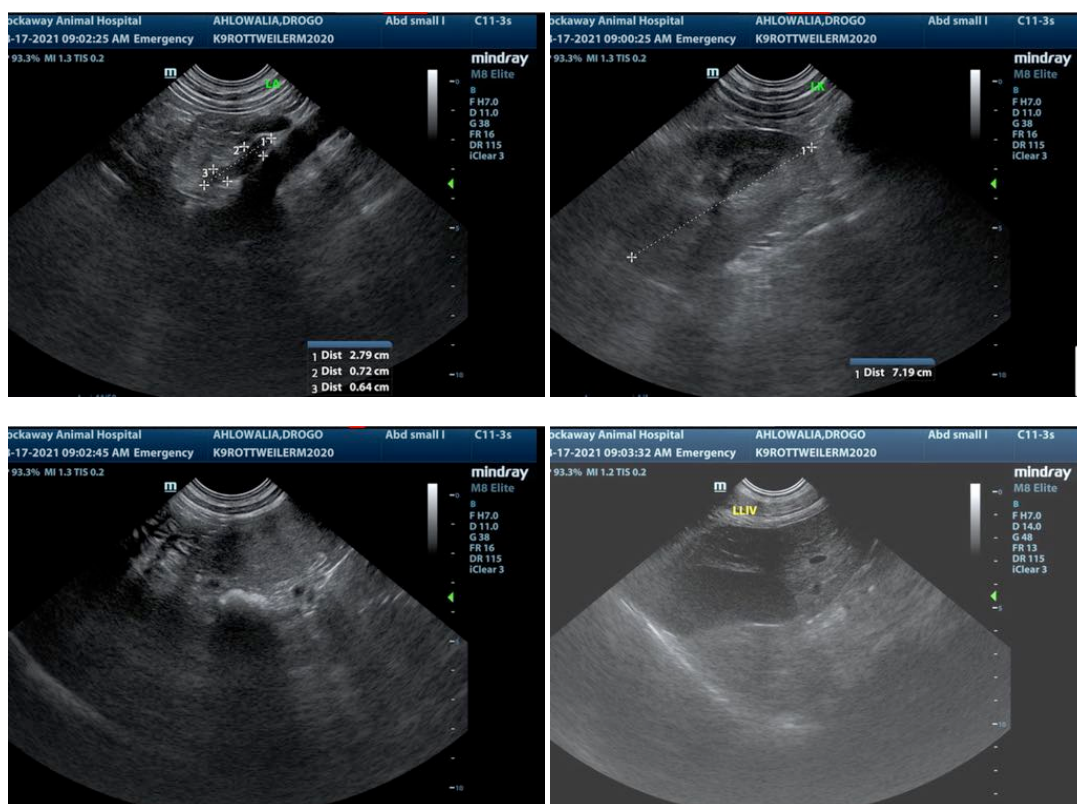
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\*\*\*\*\* ADDENDUM 8/17/21\*\*\*\*\*

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The **prostate** was uniformly enlarged with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. Mild edema lines were noted. These changes are suggestive of either chronic inflammatory episodes, benign cystic pathology or both. Underlying neoplasia cannot be completely ruled-out but is lower on the differential list. This presentation is most consistent with benign prostatic hyperplasia with possible active prostatitis. Neutering or off-label Finasteride (Propecia) (0.1-0.5 mg/kg

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Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture. The prostate measured 3.0 cm in width.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

BPH prostatitis pattern.

**BREED**

Rottweiler

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Neutering should prove effective. If neutering is not an option a clinical trial of the following can be considered.

**SEX**

Male

Finasteride at 1 mg/kg/day can be utilized as an off-label approach to reducing prostatic size in BPH cases. Coverage for prostatitis would also likely be appropriate with Fluoroquinolone/Baytril or similar. A recheck sonogram is recommended in 3-4 weeks with reassessment of the urinalysis and evaluation of any inflammatory sediment.

**AGE**

1 year

**WEIGHT**

102 ;bs



**INTERPRETED BY**

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**IMAGING PERFORMED BY**

Jenn

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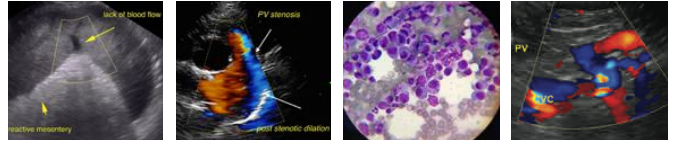
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



**PATIENT**

Drogo Ahlowalia

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.

**SPECIES**

Canine

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**  
info@SonoPath.com

**BREED**

Rottweiler

**SEX**

Male

**AGE**

1 year

**WEIGHT**

102 ;bs

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