



PATIENT

Leondias Powell

SPECIES

Canine

BREED

Doberman Pinscher

SEX

Male

AGE

6 years

WEIGHT

74.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Mack

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Mack

INVOICE

31446

DATE

7/3/22

PRESENTING CLINICAL SIGNS

History: Owner states pet seems to be straining to urinate/defecate. Is having liquid diarrhea and urine stream is weak. Eating/drinking normal. Straining has been going on for about a month.
Abnormal PE/Chem/CBC/UA Results: PE: Tense on abdominal palpation. Can only partially appreciate prostate from rectal exam but feels enlarged. Xray: Enlarged prostate, narrowing of colon noted. U/A: BLD 4+, BIL 2+, UBG normal, Ket negative, Glu negative, Pro 2+, Leu 3+, pH 6, WBC >50/hpf, RBC >50/hpf, Suspect Rods and Cocci, Non-Squamous EPI 3-5/hpf, Unclassified Crystals 1-5/hpf, Bilirubin 1-5/hpf.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

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. Edema lines and cysts were noted. One of the larger cysts revealed echogenic debris, possible abscessation. The prostate measured 6.0 cm in width. The prostate deviated the descending colon.

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 left kidney measured 5.0 cm. The right kidney measured 5.0 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

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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Gastrointestinal

Leondias Powell

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Minor fluid filled gastric lumen was noted. 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.

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Pancreas

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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.

SEX

Male

ULTRASONOGRAPHIC FINDINGS

AGE

6 years

Prostatitis, prostatic abscessation and cystic hyperplasia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

74.8 lbs

Ultrasound-guided drainage of the prostate, cytology of the prostatic cysts, culture and neutering are all indicated. Recheck sonogram is recommended 4-6 weeks post neuter. There is a minimal potential for neoplasia. Neutering with ultrasound-guided drainage of the prostate, culture and cytology are all indicated along with 3-4 weeks of antibiotic therapy post neuter.

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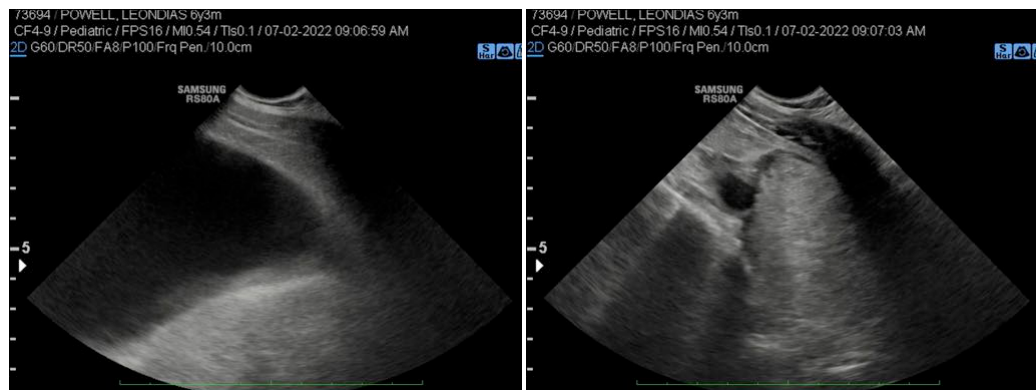
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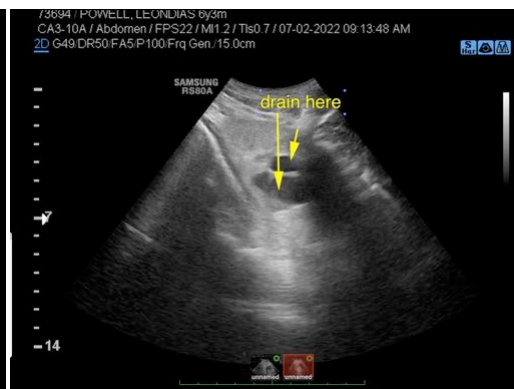
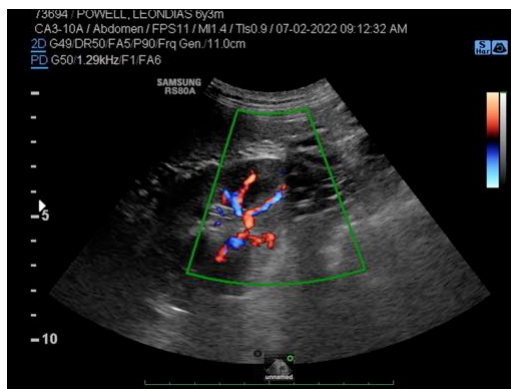
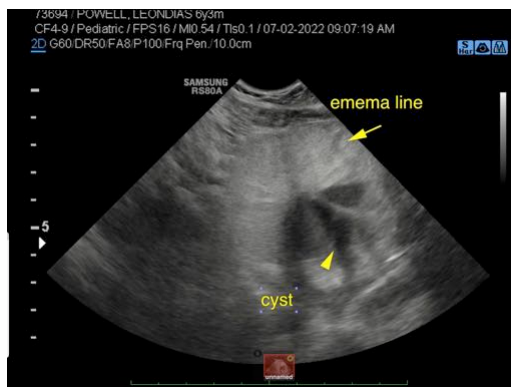
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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