



PATIENT

Punk Carwile

SPECIES

Canine

BREED

Rott X

SEX

Spayed Female

AGE

12 Years

WEIGHT

47.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Bogosian

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

Dr. Bogosian

INVOICE

37736

DATE

5/18/22

PRESENTING CLINICAL SIGNS

Presented for lethargy, weakness and urinary incontinence. Previous Hx of bladder stones, and currently has UTI
Abnormal PE/Chem/CBC/UA Results: ALP and GGT slight elevations

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 were noted. Ureteral papillae were normal.

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 7.3 cm. The left kidney measured 7.3 cm.

Adrenal Glands

The **left adrenal gland** measured 0.60 cm, visualized obliquely. The **right adrenal gland** was not visualized.

Spleen

The **spleen** was mildly enlarged and folded upon itself cranially and caudally.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

Gastrointestinal

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.

Pancreas

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.

ULTRASONOGRAPHIC FINDINGS



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- Unremarkable abdomen with largely expected changes for this age patient

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of visceral disease. Orthopedic pain, thoracic and CNS disease should all be considered. Screening for Addison's warranted, given that the right adrenal gland was not visualized, even though the left appeared normal.



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



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info@SonoPath.com

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