



PATIENT PRESENTING CLINICAL SIGNS

Penny Watson

History: On 4/3 presented to r DVM with 1.5 day history of vomiting food then bile. On initial exam QAR otherwise nsf. Transferred here for hospitalization based on lab results

SPECIES

Abnormal PE/Chem/CBC/UA Results: rDVM labs BUN 197, CREA 7.9, Phos 13.5, K+ 6.2, Chol 364, Mg 2.6, PSL 232. CBC wnl.

Canine

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Retriever mix

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.

SEX

Spayed female

AGE

12 years

The **kidneys** were subnormal in size with mild degenerative interstitial nephrosis pattern with pyelectasia. This is subjectively consistent with end stage degenerative renal disease, which may be complicated by pre-renal factors such as the left adrenal pathology. The right kidney measured 5.84 cm. The left kidney measured 4.87 cm. Blood flow to the kidneys was subnormal.

WEIGHT

22.3 kg

The right **adrenal gland** was uniform and measured 2.15 x 0.92 cm at the cranial pole and 0.67 cm at the caudal pole. The left adrenal gland was enlarged and irregular measuring 3.15 x 1.81 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The sublumbar lymph nodes were mildly enlarged and reactive.

IMAGING PERFORMED BY

Emily Kalenius

ULTRASONOGRAPHIC FINDINGS

Acute on chronic renal failure. Interstitial nephrosis pattern.

HOSPITAL NAME

Wilvet Salem

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Kalenius

Leptospirosis titers are warranted. Urine catecholamine is warranted given the left adrenal presentation which may represent pheochromocytoma or adenocarcinoma. Urine culture and sensitivity as well as blood pressure measurements are indicated. The prognosis is very guarded. Subjectively the kidneys appear near end stage.

INVOICE

43689

DATE

4/4/23



PATIENT

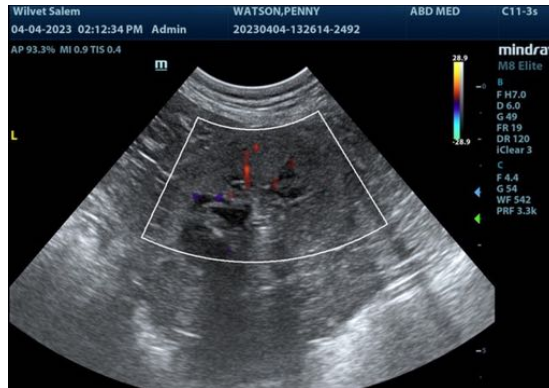
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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