



PATIENT PRESENTING CLINICAL SIGNS

Ruger Maurer

History: Occasional vomiting since mid-July about every other day to every three days. Vomits undigested food about 8 hours after eating. O stated that she has noticed some weight loss within the last 3 weeks. Very picky appetite. Not neutered has one descended testicle. Has been known to eat garbage or anything else.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Unilateral cryptorchid - left teste descended. BCS 3/9 Bilateral cranial drawer postive. CBC: RBC 5.39, HCT35.5%, HGB 12.4 Chem: ALT 4010, ALP 1695, GGT 34, Bili 0.2, Cholesterol 360 Thoracic survey radiographs unremarkable.

BREED

Labrador

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Intact male (cryptorchid)

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.

AGE

8 years

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. The prostate measured 4.0 cm. 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 Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture.

WEIGHT

26.3 kilograms

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

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 7.7 cm. The left kidney measured 7.7 cm.

IMAGING PERFORMED BY

Dr. Stegemoller

Adrenal Glands

HOSPITAL NAME

North Idaho AH

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. The left adrenal gland measured 2.2 x 0.5 cm at the cranial pole and 0.43 cm at the caudal pole. The right adrenal gland measured 3.6 x 1.2 cm at the cranial pole and 0.5 cm at the caudal pole.

REFERRING VET

Dr. Poulsen

INVOICE

92085

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.

DATE

9/29/21

Liver



PATIENT

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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

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.

SEX

Intact male (cryptorchid)

Pancreas

The **pancreas** was hypoechoic and mildly irregular. There is a potential for low-grade inflammation.

AGE

8 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

26.3 kilograms

Acute inflammatory hepatopathy, Leptospirosis, toxin exposure or similar is suspected. Structurally unremarkable.

BPH prostate with prostatitis.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cryptorchid was not identified in this patient. Further imaging of the inguinal area and parabladder region is recommended to assess for cryptorchid formation.

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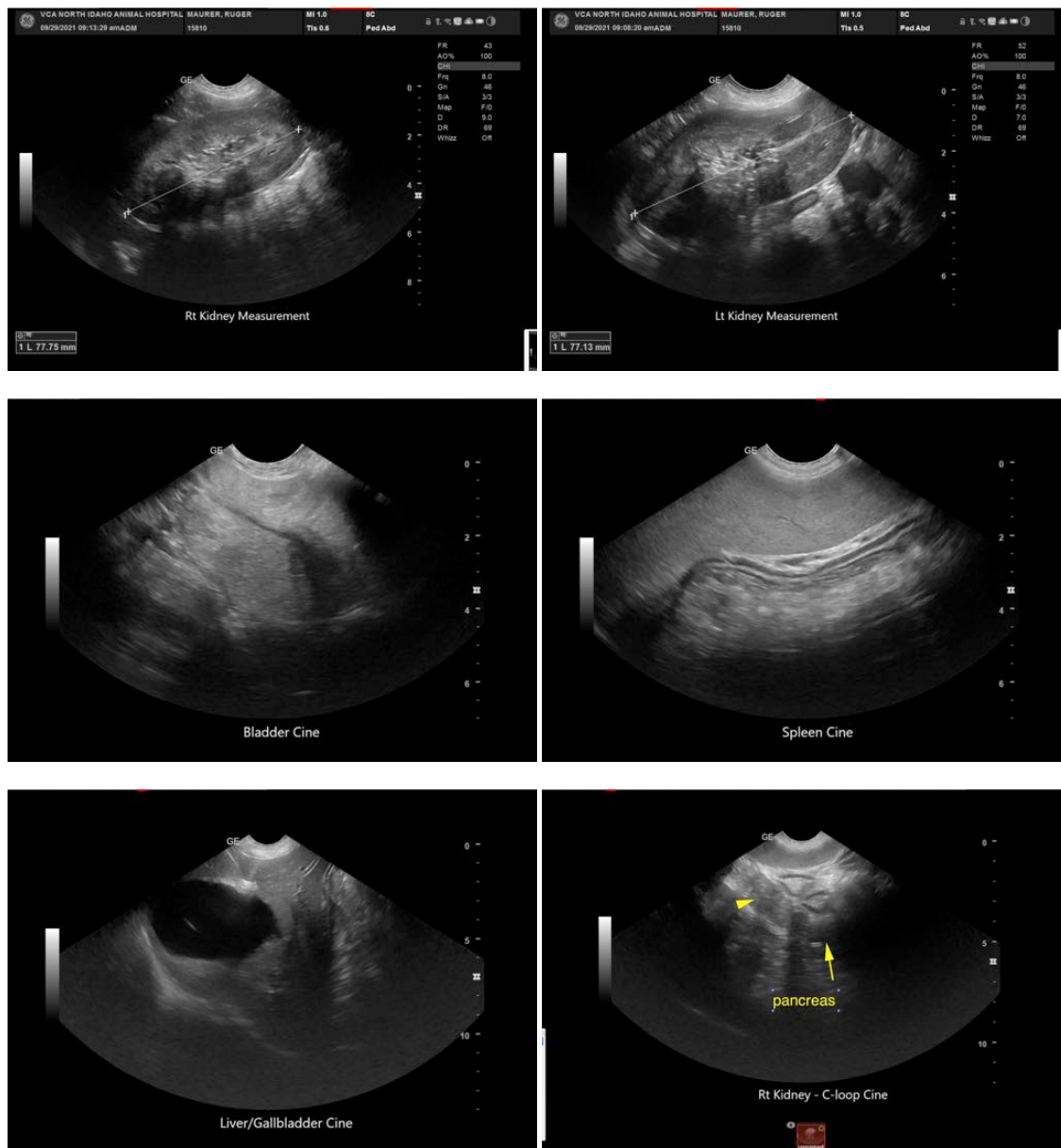
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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