



PATIENT

Buffy Zietkiewicz

PRESENTING CLINICAL SIGNS

dark urine, PU/PD elevated liver enzymes
Abnormal PE/Chem/CBC/UA Results: increased GGT ALP TBili

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mix

The **urinary bladder** presented a relatively uniform thickening of the cranioventral and craniodorsal mucosae with micropolypoid mucosal changes without involvement of the submucosae. The urine presented some echogenicity consistent with suspended debris. No evidence of urethral pathology was present. This presentation is most consistent with chronic cystitis. Technically transitional cell carcinoma cannot be ruled out without histopathological review but is not overtly suspected based on this pattern. Cystocentesis and urine culture +/- pathological review of urine cytology would be warranted. No overt calculi were present at this time.

SEX

Spayed Female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.88 cm. The left kidney measured 5.86 cm.

AGE

9 Years

WEIGHT

45 Pounds

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. The left adrenal gland measured 1.6 cm x 0.44 cm at the caudal pole and 0.61 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV

Spleen

The **spleen** presented a focal hypoechoic, expansive target-type nodule measuring 1.5 cm.

DABVP, Cert. IVUSS

Liver

IMAGING PERFORMED BY

Jenn

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.

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

Gastrointestinal

The **stomach** was overdistended with fluid, reaching the gastroesophageal inlet. The small intestine and colon were unremarkable.

INVOICE

39577

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.

DATE

7/16/22



PATIENT

Buffy Zietkiewicz

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

9 Years

WEIGHT

45 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

39577

DATE

7/16/22

PRIMARY FINDINGS

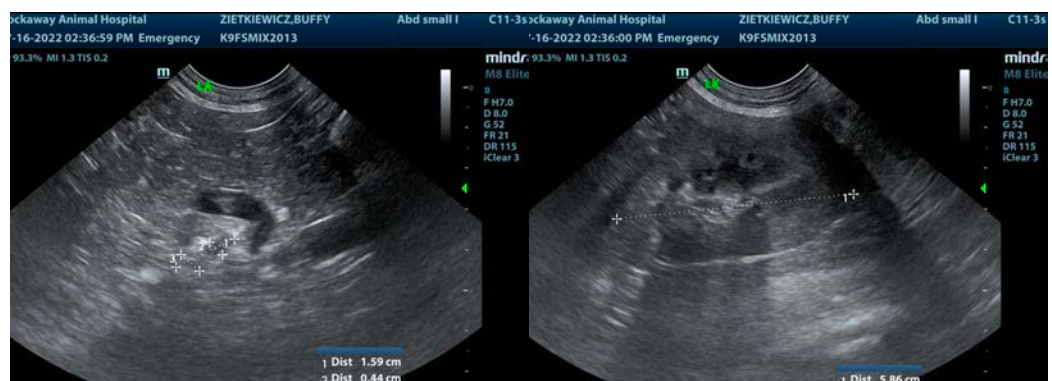
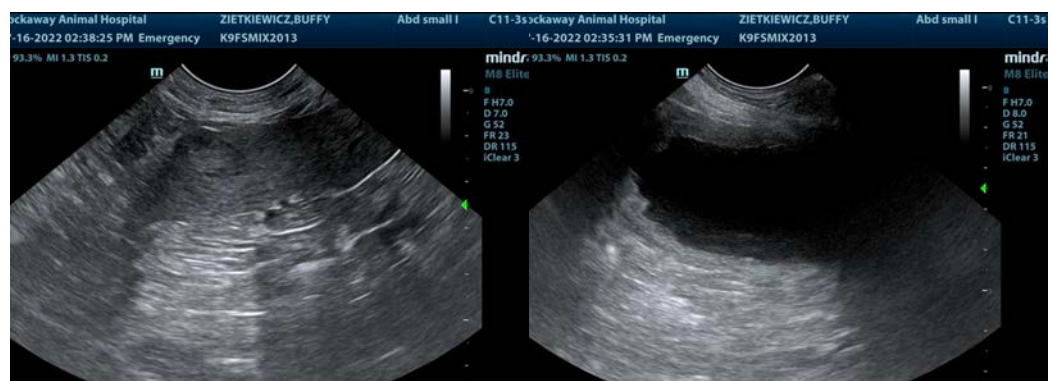
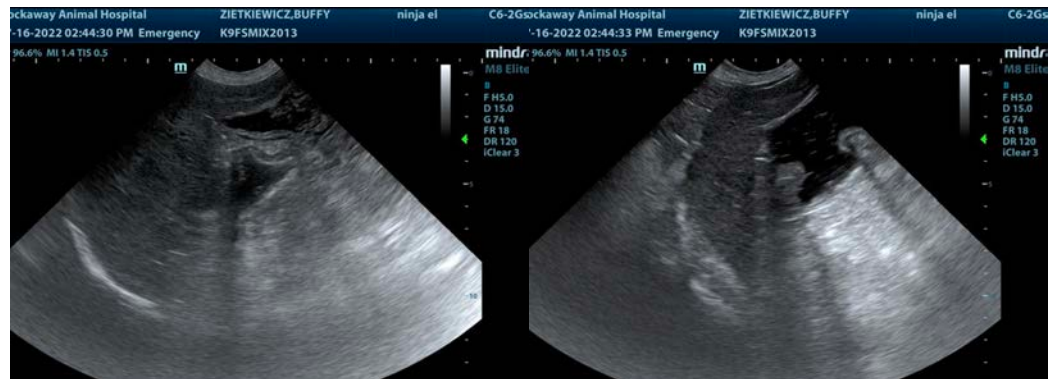
- Gastric overdistention, cannot completely rule out foreign matter or other form of obstruction
- Focal splenic nodule
- Cystitis bladder pattern

SECONDARY FINDINGS

- Age related renal and hepatic changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of PU/PD is unclear. Given the bilirubin elevation, FNA indicated. Leptospirosis titers indicated. IV fluid support recommended and recheck sonogram with further imaging of the upper duodenum and pyloric outflow in 48 hours. FNA of the splenic nodule also indicated.





PATIENT

Buffy Zietkiewicz

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

9 Years

WEIGHT

45 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

39577

DATE

7/16/22



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