



PATIENT	PRESENTING CLINICAL SIGNS
Athena Worsowicz	History: Acute onset anorexia and ADR on 8/23. Lost 10 lbs since previous visit in 2019. Treated with Amoxicillin, Metronidazole, Baytril, Denamarin and Prednisone 20mg SID x 5 days, then 10mg EOD x 1 week. On recheck on 9/2, eating and acting well, but LE more elevated and Bile Acids high.
SPECIES	Abnormal PE/Chem/CBC/UA Results: PE: BCS 4/9. BW (8/23) ALT 701, Glob 2.1, rest WNL. BW (9/2) ALT 805, ALP 486, GGT 8, Alb 6.3, and BA 40.
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Boxer mix	Urinary System
SEX	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.
Spayed Female	
AGE	The left kidney 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 capsule was acceptably uniform without significant irregularities. The left kidney measured 7.34 cm. The right kidney was dystrophic and subnormal in size measuring 2.33 cm. The right kidney is irregular with loss of corticomedullary definition. This may be a primary dysplastic kidney with secondary degenerative changes.
8 years	
WEIGHT	
61.2 lbs	
INTERPRETED BY	Adrenal Glands
Eric Lindquist, DMV DABVP, Cert. IVUSS	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 3.7 x 0.66 cm at the cranial pole and 0.66 cm at the caudal pole. The right adrenal gland measured 2.0 x 0.66 cm.
IMAGING PERFORMED BY	
Dr. Ebersole	
HOSPITAL NAME	Spleen
Scanvet	The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.
REFERRING VET	
Dr. Sheridan	
INVOICE	Liver
91726	The liver revealed coarse architecture with increased portal markings. This is consistent with chronic inflammatory disease. Occasional, hyperechoic, lipogranulomatous nodule is noted. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts
DATE	
9/8/21	



PATIENT
Athena Worsowicz

were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

SPECIES Gastrointestinal

Canine
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. The mesenteric lymph nodes are reactive in this patient.

BREED

Boxer mix

Pancreas

SEX

Spayed Female

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.

AGE

8 years

ULTRASONOGRAPHIC FINDINGS

Chronic inflammatory hepatopathy with lipogranulomatous nodular changes, unlikely to be neoplastic.

WEIGHT

61.2 lbs

Dystrophic/dysplastic right kidney.

Reactive mesenteric lymph nodes.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

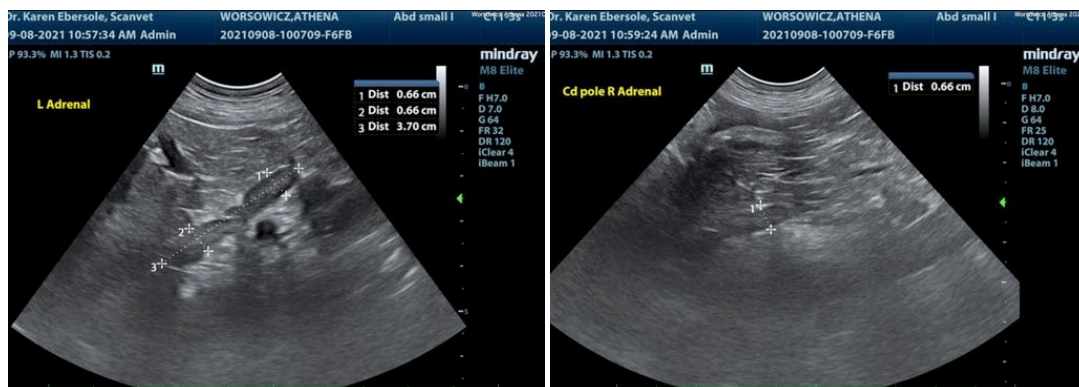
Leptospirosis titers are warranted. Core liver biopsy may be necessary for full evaluation and copper assessment. Otherwise, treatment should be based on predominant inflammatory cell type found on aspirates. Ultrasound-guided FNA was performed without complication.

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet



REFERRING VET

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PATIENT

Athena Worsowicz

SPECIES

Canine

BREED

Boxer mix

SEX

Spayed Female

AGE

8 years

WEIGHT

61.2 lbs

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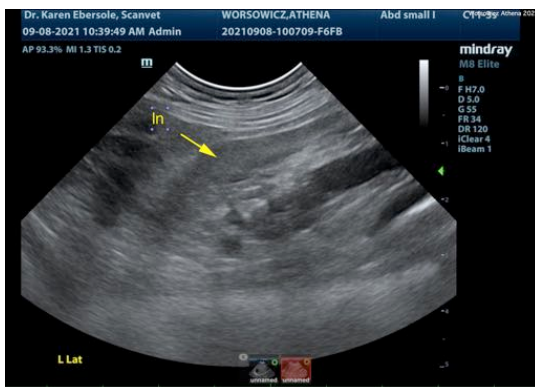
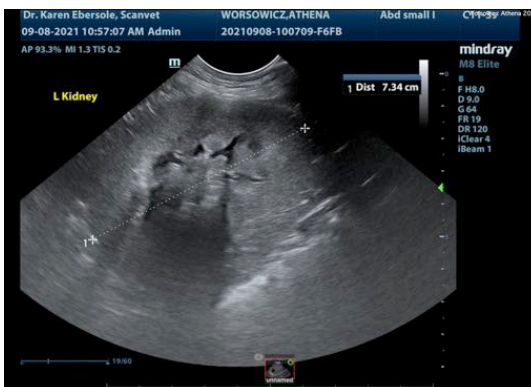
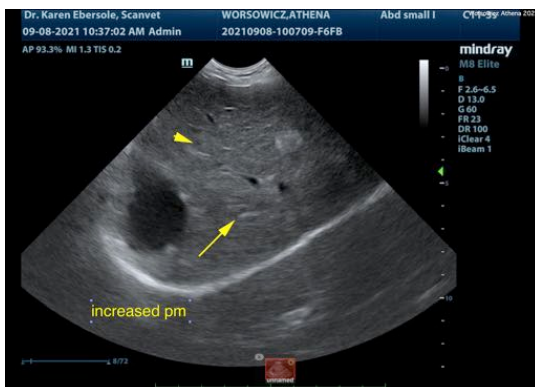
Dr. Sheridan

INVOICE

91726

DATE

9/8/21



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
info@SonoPath.com