



PATIENT	PRESENTING CLINICAL SIGNS
Jax Swords	History of elevated Liver enzymes, P has fractured tooth and is planning on scheduling dental. Please comment on anesthesia.
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: 5/18/23 ALT 194 (was 189 in 1/2023) ALKP 212 (was 170 in 1/2023)
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Jack Russell x	Urinary System
SEX	The bladder in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present.
Neutered Male	The region of the trigone and visible pelvic urethra were normal. Minor polypoid change noted in the dorsal wall measuring 3.0 mm. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. The residual prostate measured 1.0 cm.
AGE	
10 Years 8 Months	
WEIGHT	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 left kidney measured 5.2 cm. The right kidney measured 5.9 cm.
26 Pounds	
INTERPRETED BY	Adrenal Glands
Eric Lindquist, DMV	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 1.47 cm x 0.40 cm at the cranial pole and 0.43 cm at the caudal pole. The right adrenal gland measured 1.9 cm x 0.39 cm at the caudal pole and 0.36 cm at the cranial pole.
DABVP, Cert. IVUSS	
IMAGING PERFORMED BY	Spleen
Carolina Vet Mobile	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 were noted.
HOSPITAL NAME	Liver
Armstrong AC	The liver presented a uniform hyperechoic vacuolar hepatopathy pattern with occasional non-disruptive nodule up to 1.3 cm. The gallbladder and common bile duct were unremarkable.
REFERRING VET	Gastrointestinal
Dr. Marnie Gallagher	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
INVOICE	
44255	
DATE	
7/21/23	



PATIENT

Jax Swords

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

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.

BREED

Jack Russell x

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Minor bladder thickening
- Vacuolar hepatopathy liver pattern with occasional non-disruptive nodule
- Age related abdominal changes otherwise

AGE

10 Years 8 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

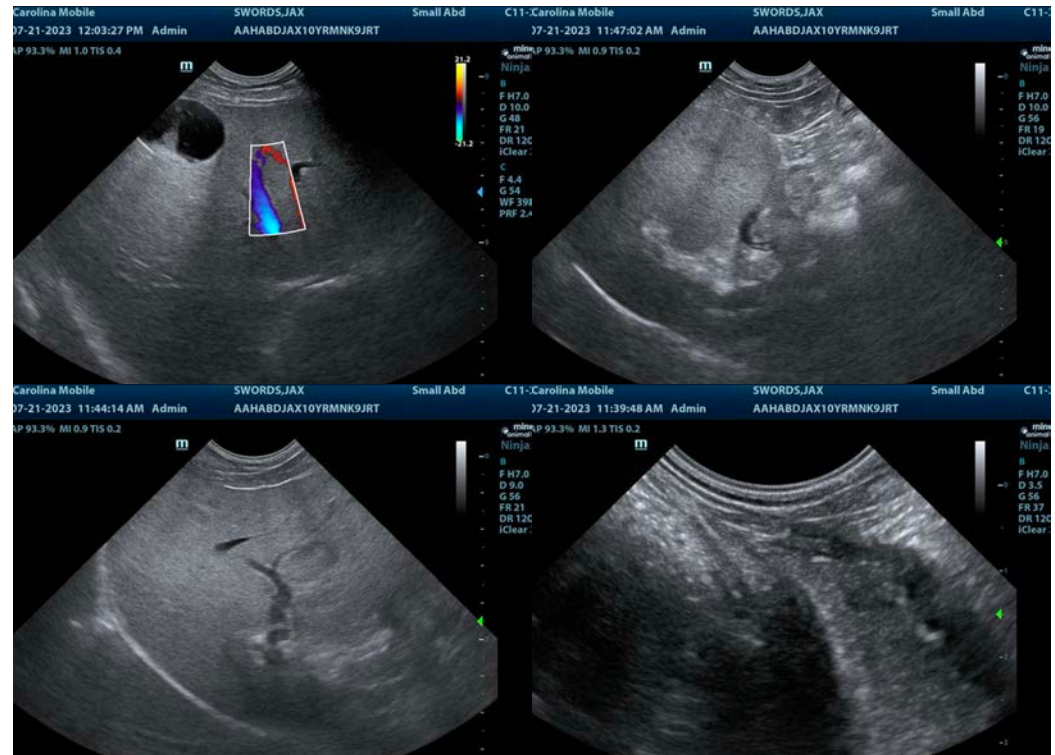
Urinary workup warranted if not already performed. FNA of the general liver parenchyma and nodules could be considered for further definition, yet subjectively appear benign, most consistent with vacuolar hepatopathy and nodular hyperplasia.

WEIGHT

26 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

Carolina Vet Mobile

HOSPITAL NAME

Armstrong AC

REFERRING VET

Dr. Marnie Gallagher

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PATIENT

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SPECIES

Canine

BREED

Jack Russell x

SEX

Neutered Male

AGE

10 Years 8 Months

WEIGHT

26 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Carolina Vet Mobile

HOSPITAL NAME

Armstrong AC

REFERRING VET

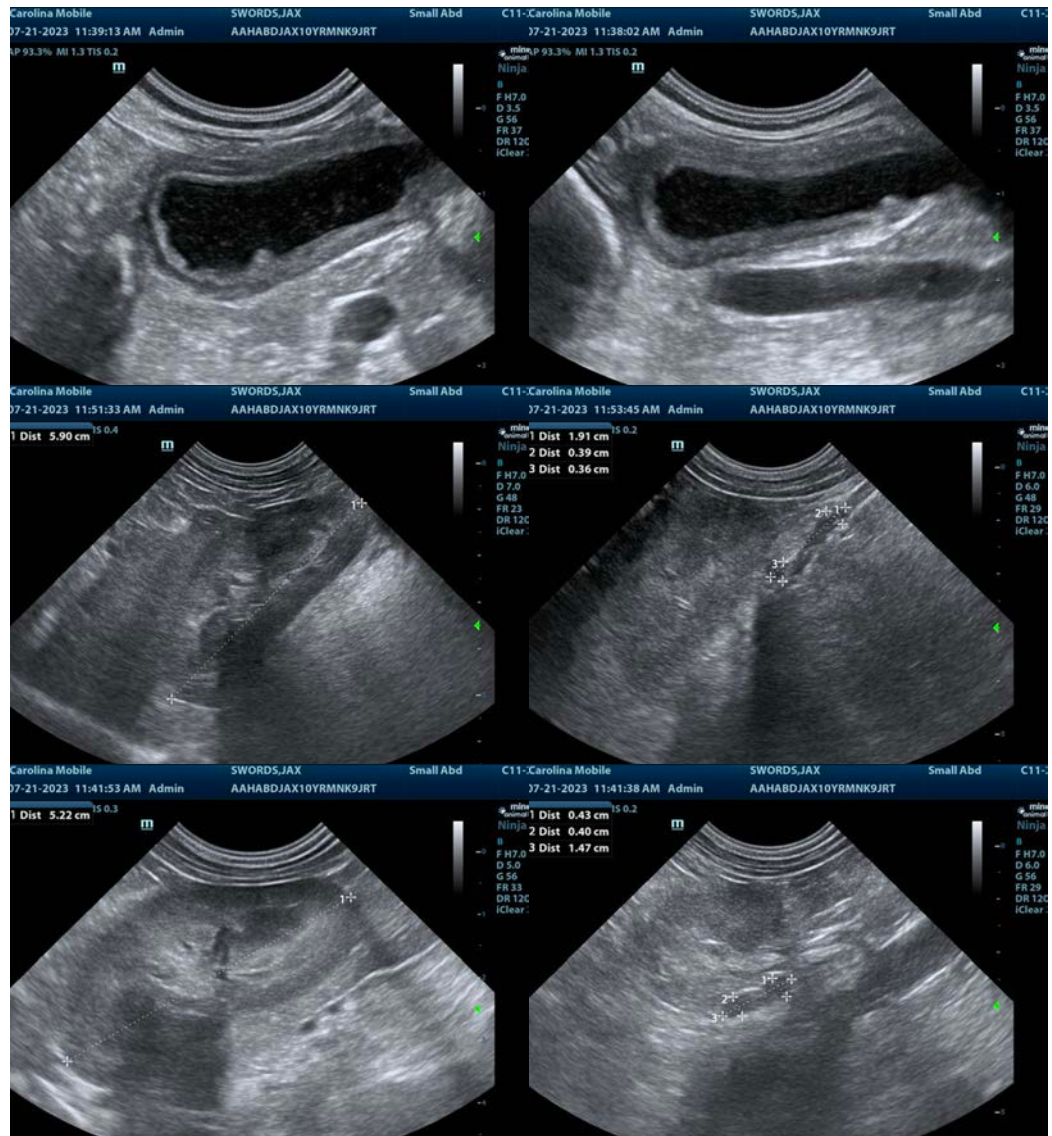
Dr. Marnie Gallagher

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DATE

7/21/23



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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