



PATIENT

Achilles Henderson

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered male

AGE

10 years

WEIGHT

18.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Cecelia Fisher

HOSPITAL NAME

Cape Coral Pet Vet

REFERRING VET

Dr. Vickers

INVOICE

69250

DATE

12/2/25

PRESENTING CLINICAL SIGNS

History: PrecisionPSL was elevated.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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.

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.4 cm.

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 0.59 cm at the cranial pole and 0.4 cm at the caudal pole. The right adrenal gland measured 0.76 cm at the cranial pole and 0.58 cm at the caudal pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. Splenic nodules were noted and measured 1.0 cm. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis.

Liver

The **liver** in this patient revealed mixed echogenic nodular changes with a mild to moderately disruptive mass. The mass measured 3.4 cm. Other isoechoic nodular changes were noted in the liver. A secondary mass was noted in the liver and measured 2.7 cm. The gallbladder and common bile duct were unremarkable.

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



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

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.

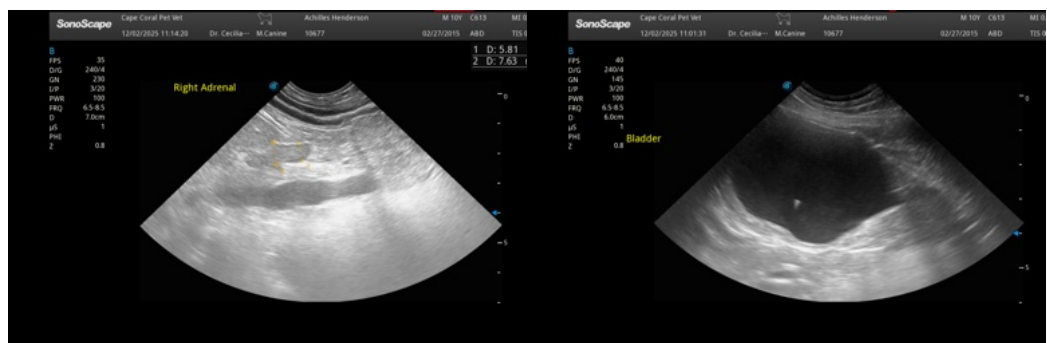
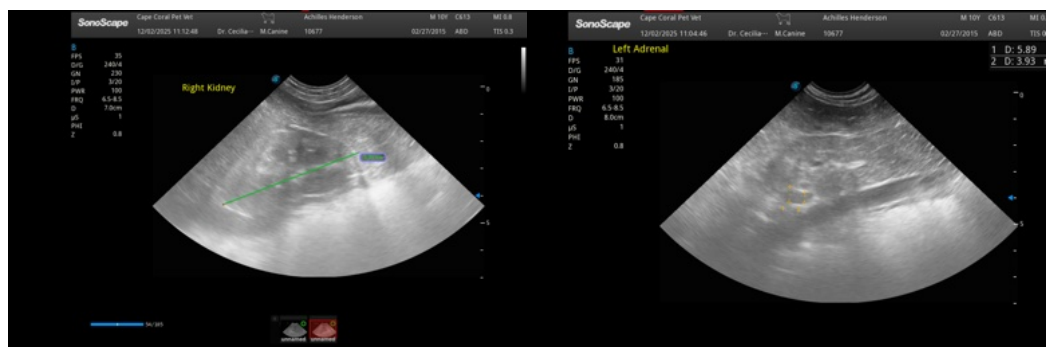
ULTRASONOGRAPHIC FINDINGS

Liver masses, may be benign pronounced hyperplasia versus hemangiosarcoma. Round cell neoplasia is possible.

Splenic nodules.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound-guided 25-gauge FNA of the splenic nodules, 22-gauge FNA of the liver mass is indicated. Multi-focal, round cell neoplasia, hemangiosarcoma, benign hyperplasia, carcinoma of the liver are all possible. Sampling is essential. CT evaluation for potential surgical planning is recommended.





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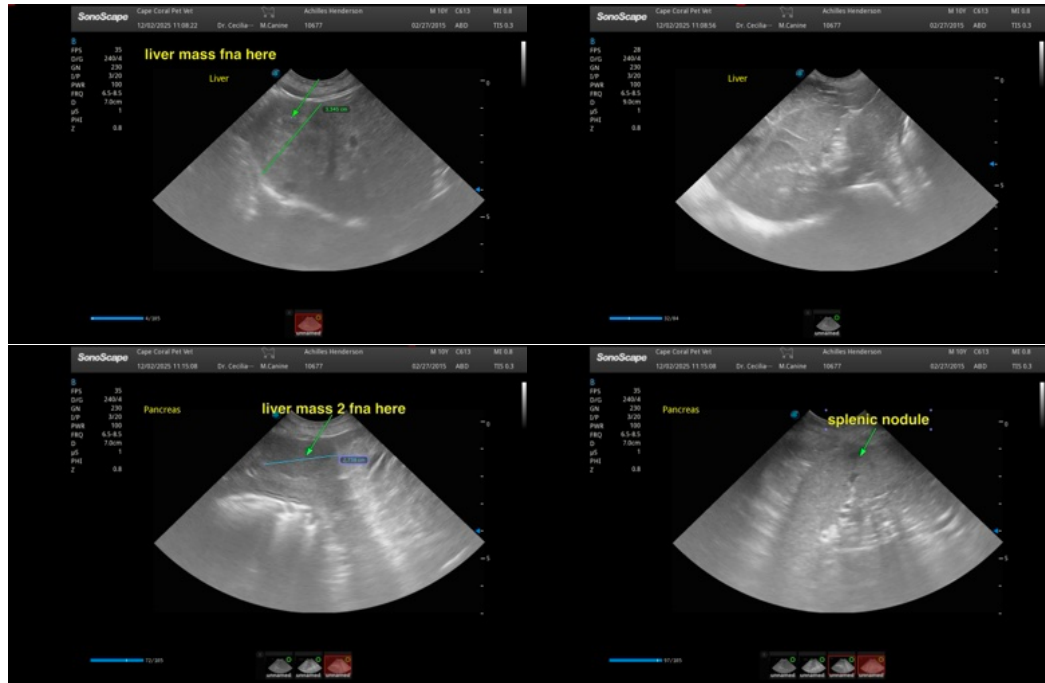
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

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