



PATIENT

Piper Smith

SPECIES

Canine

BREED

Pit x

SEX

Spayed Female

AGE

11 Years

WEIGHT

56.9 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Whippany Veterinary
Hospital

REFERRING VET

Dr. Enoch

INVOICE

72625

DATE

12/16/25

PRESENTING CLINICAL SIGNS

Elevated ALT & ALP, increased since March 2025. No associated clinical signs. MEDS: Librela injection monthly, HG+, K9 advantix, Gaba 300 mg PO SID.

Abnormal PE/Chem/CBC/UA Results: Lyme (+) since 2022, Glob 3.9, ALT 168, ALP 1071 as of 12/2/25
Urine: 2+ protein, 1+ bilirubin, USG 1.040 (March 2025)

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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. Right kidney measured 6.3 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. Left measures 2.6 cm x 0.71 cm at the cranial pole and 0.70 cm at the caudal pole. Right measures 3.02 cm x 1.14 cm at the cranial pole and 0.69 cm at the caudal pole.

Spleen

The **spleen** presented subtle micronodular changes up to 1.23 cm without disruption of architecture.

Liver

The **liver** presented coarse architecture and increased portal markings. Normal size and vascularity. 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 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.



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Other

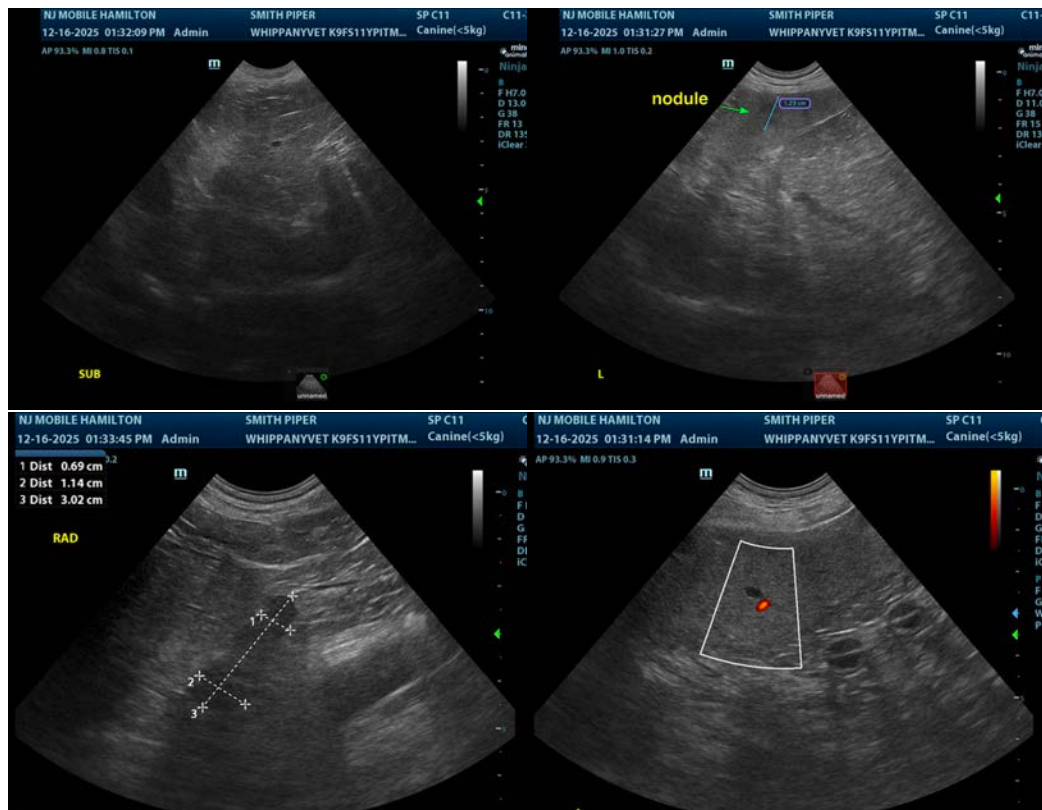
Rapid view of the heart revealed no evident pathology of the right auricle or pericardium.

ULTRASONOGRAPHIC FINDINGS

- Geriatric abdomen with slight micronodular spleen and moderate hepatic remodeling.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the spleen could be considered. However, the pattern is most consistent with hyperplasia and non-disruptive.





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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, Owner, Founder -- SonoPath.com
info@SonoPath.com