



PATIENT

Chewy Latus

SPECIES

Canine

BREED

Shih Tzu x

SEX

Neutered Male

AGE

12 Years

WEIGHT

24.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Melissa Gallick

HOSPITAL NAME

Magnolia Springs
Veterinary Center

REFERRING VET

Dr. Melissa Gallick

INVOICE

72358

DATE

1/21/26

PRESENTING CLINICAL SIGNS

Abnormal PE/Chem/CBC/UA Results: ALT on 1/15/2026 was 161; ALT on 1/21/2026 was 403 ALP on 1/15/2026 was 694 and on 1/21/2026 it was 1416

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 **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 5.0 cm with pinpoint mineralizations, non-obstructive. Left kidney measured 5.7 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 adrenal gland measured 0.56 cm at the caudal pole and 0.38 cm at the cranial pole. Right adrenal gland measured 0.35 cm at the cranial pole and 0.32 cm at the caudal pole.

Spleen

The **spleen** revealed a hyperechoic lipid plaque measuring 0.70 cm, not pathological. The spleen was otherwise unremarkable.

Liver

The **liver** presented coarse architecture and increased portal markings. Moderate amount of remodeling noted. The gallbladder minor excessive accumulated bile with striations and mild overdistention.

Gastrointestinal

Minor **gastric** fluid accumulation noted in the gastric fundus. The small intestine and colon were unremarkable.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.



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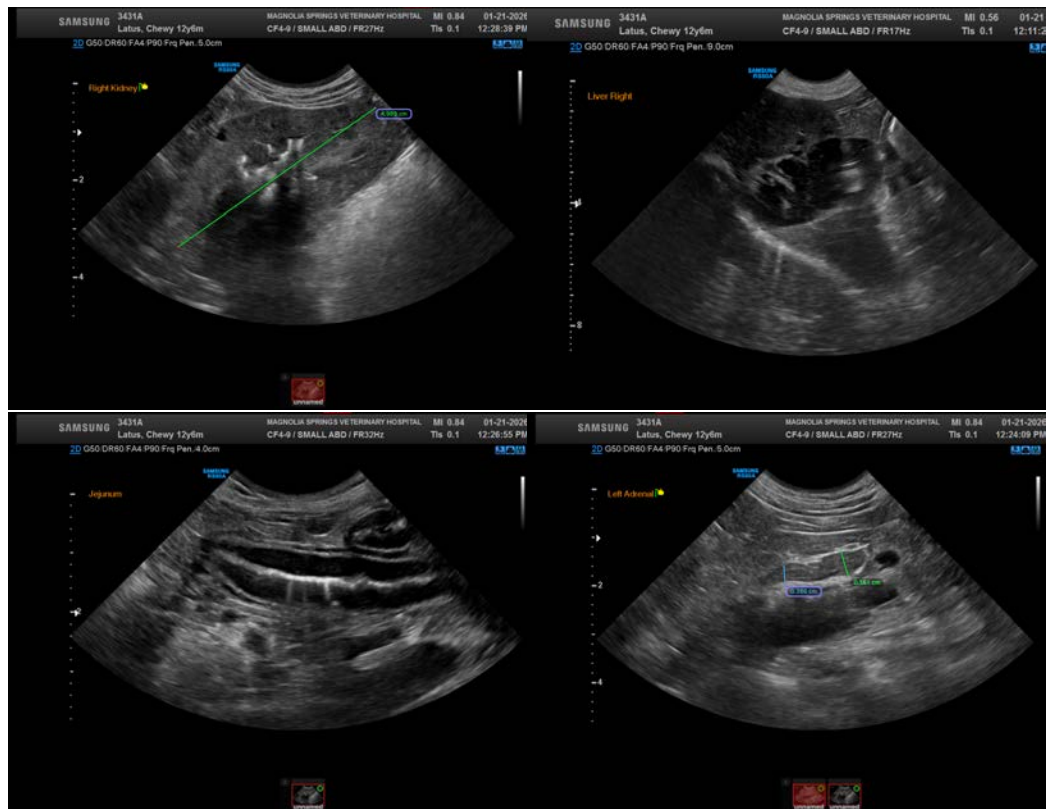
Dr. Melissa Gallick

ULTRASONOGRAPHIC FINDINGS

- Hepatic remodeling with emerging mucocele.
- Age related renal changes with mineralizations, non-obstructive.
- Age related pancreatic remodeling.
- Hyperechoic lipid plaque on the spleen, not pathological.
- Minor gastric fluid accumulation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ursodiol therapy indicated over the next 6-8 weeks and recheck sonogram. FNA of the liver could be considered for further definition. Bile acid profile would be appropriate to assess for any evidence of hepatic dysfunction.



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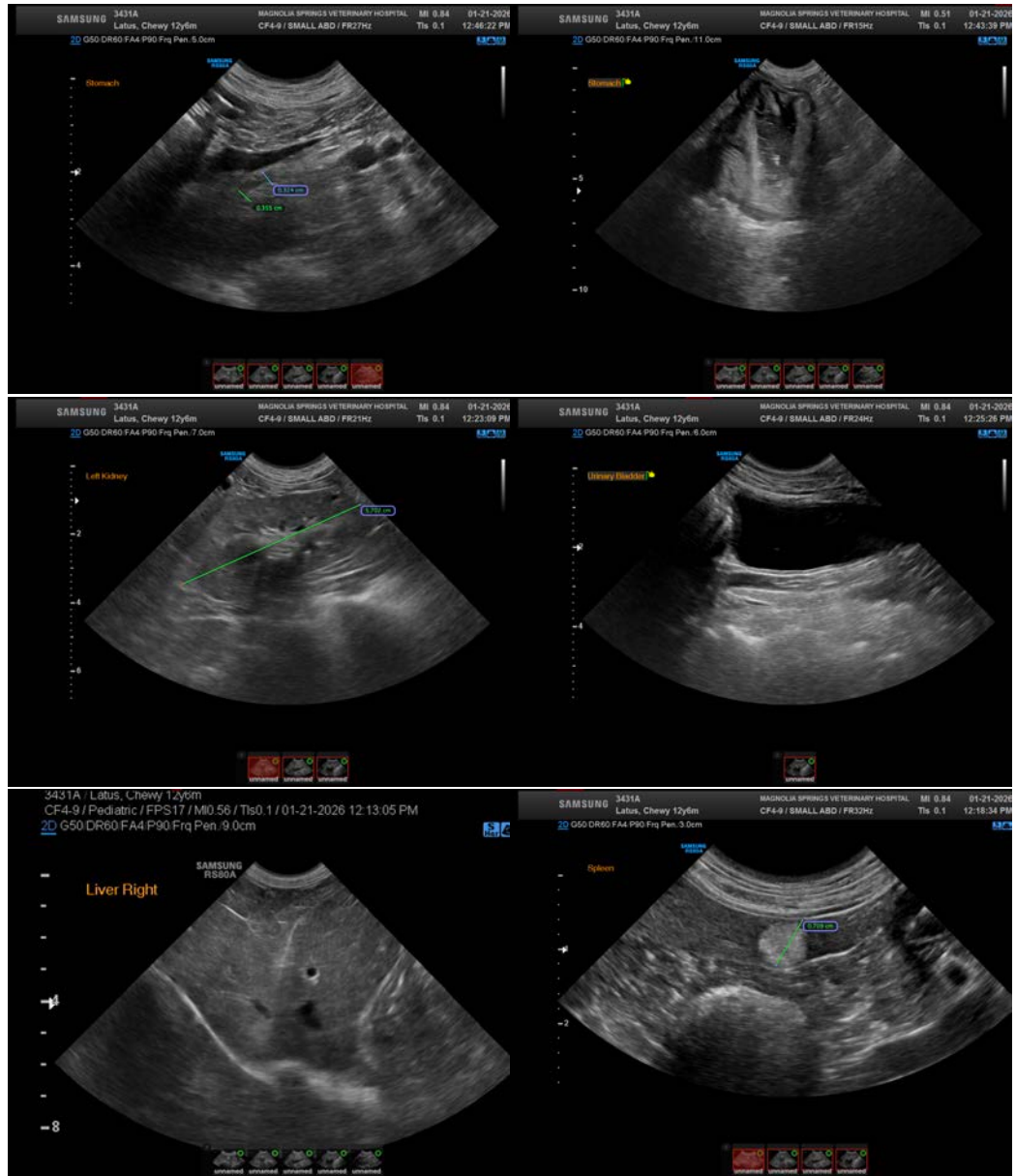
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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,
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