



PATIENT

Emerson Fronzuto

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed Female

AGE

6 Years 7 Months

WEIGHT

9.9 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Farview AC

REFERRING VET

Dr. Mosaad

INVOICE

35507

DATE

1/19/26

PRESENTING CLINICAL SIGNS

History: BCS 3/9, weight loss, increased water intake, possible metabolic disorder.

Abnormal PE/Chem/CBC/UA Results: Albumin 2.6; Glob 11.7; A/G ratio 0.6; Ca 12.3; WBC 30.2; PLT 695 (PLT est. increased); Neuts 82; Lymphs 10; Abs neuts 24764; Abs monos 1510

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 3.0 cm beyond the cystourethral junction.

At least the **uterine stump** was evident in this patient, and mildly enlarged, measuring 0.6 cm. The uterine base appeared to be elongated. Ovarian fossae were imaged, and no residual ovaries were noted.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild 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. Occasional anechoic cysts with mineralizations were noted. The largest cyst measured up to 0.57 cm. The left kidney measured 3.02 cm. The right kidney measured 3.4 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 0.37 cm at the caudal pole and 0.33 cm at the cranial pole. The right adrenal gland measured 0.65 cm at the cranial pole and 0.34 cm at the caudal pole.

Spleen

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.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No



PATIENT

Emerson Fronzuto

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed Female

AGE

6 Years 7 Months

WEIGHT

9.9 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Farview AC

REFERRING VET

Dr. Mosaad

INVOICE

35507

DATE

1/19/26

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

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.

Free Abdomen

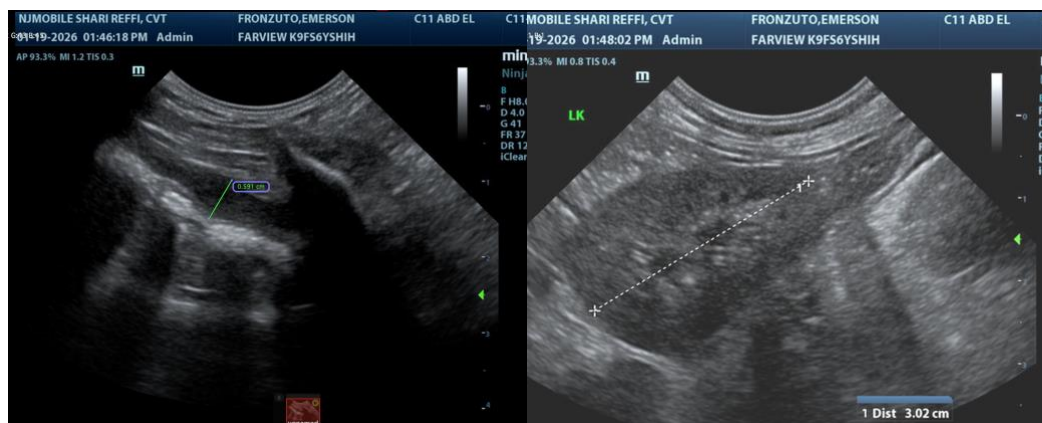
The iliac **lymph nodes** (measuring up to 1.5 cm x 0.5 cm) presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia.

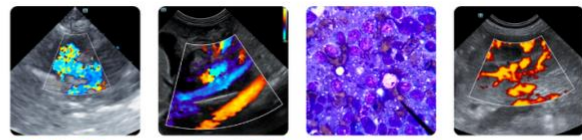
ULTRASONOGRAPHIC FINDINGS

- Prominent uterine stump or uterine body
- Slight renal mineralizations
- Reactive iliac lymph nodes
- Unremarkable abdomen otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assessment of the surgical report of the prior ovariohysterectomy is recommended. Urine pooling into the uterine body is a potential. A cause of low albumin is unclear in this patient. If no significant proteinuria is present, then protein losing enteropathy is likely. Examination of the vaginal vestibule for predisposing issues is indicated.





PATIENT

Emerson Fronzuto

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed Female

AGE

6 Years 7 Months

WEIGHT

9.9 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Farview AC

REFERRING VET

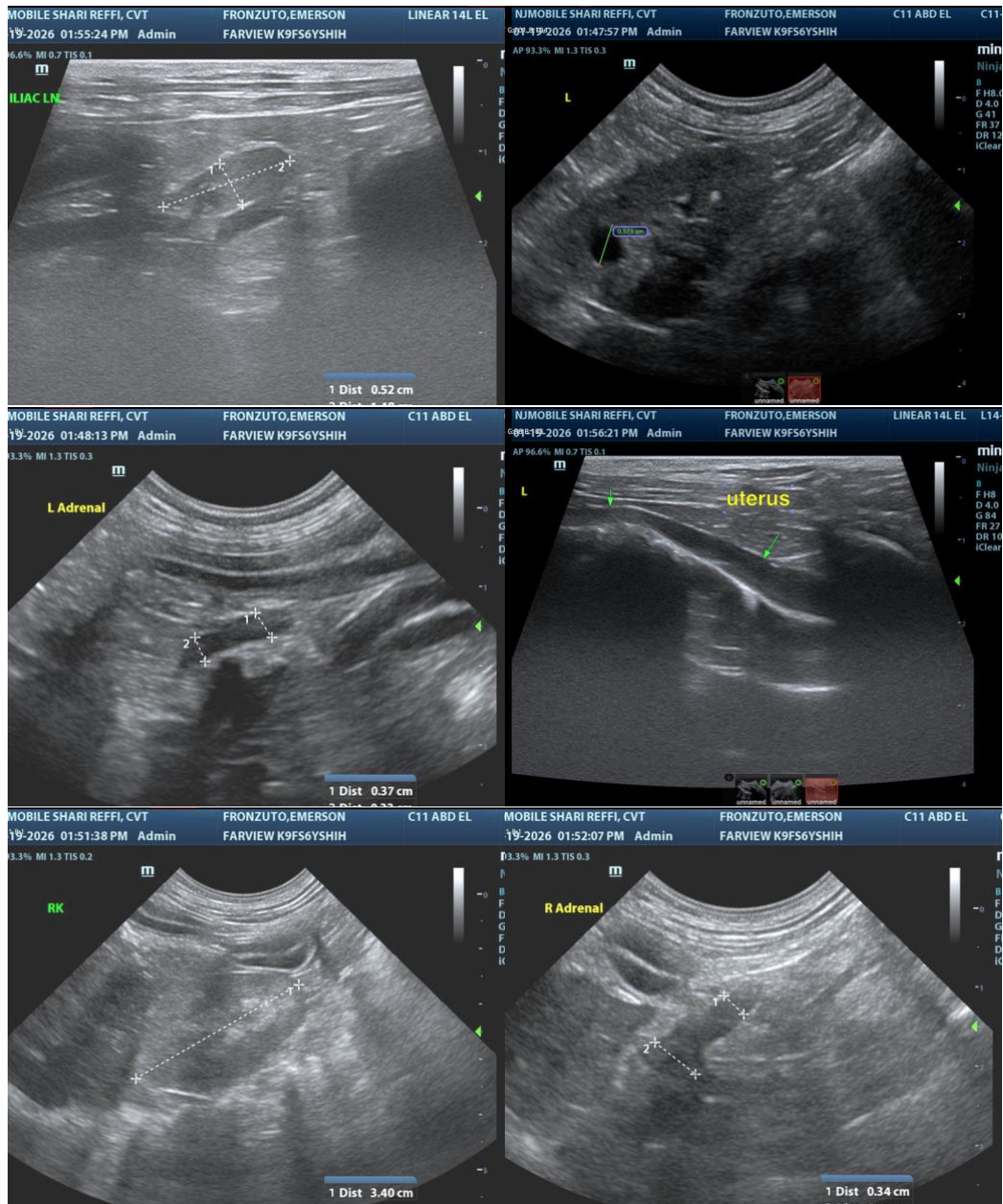
Dr. Mosaad

INVOICE

35507

DATE

1/19/26



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,



PATIENT

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

Emerson Fronzuto

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed Female

AGE

6 Years 7 Months

WEIGHT

9.9 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Shari Reffi, CVT

HOSPITAL NAME

Farview AC

REFERRING VET

Dr. Mosaad

INVOICE

35507

DATE

1/19/26