



PATIENT

Jezzie Valenti

PRESENTING CLINICAL SIGNS

Increased globulin. Evaluate for neoplasia. Glob 3.7, WBC 16

SPECIES

Canine

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.

BREED

Shih Tzu

SEX

Spayed Female

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 right kidney measured 4.33 cm. Slight pinpoint mineralizations noted. The left kidney measured 4.34 cm.

AGE

13 Years

An iliac lymph node was mildly enlarged, hypoechoic, and mildly swollen.

Adrenal Glands

WEIGHT

15 Pounds

The **right adrenal gland** was 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 right adrenal gland measured 1.43 cm x 0.48 cm at the caudal pole and 0.39 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUSS

The **left adrenal gland** was enlarged, hypoechoic, and expansive, measuring 1.24 cm x 2.42 cm. Loss of structural detail noted.

Spleen

The **spleen** presented a hypoechoic nodule measuring 0.44 cm.

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

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

HOSPITAL NAME

Kenilworth AH

Gastrointestinal

REFERRING VET

Dr. Mansour

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.

INVOICE

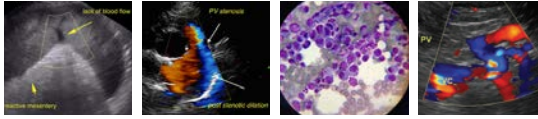
41188

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.

DATE

9/8/22



PATIENT

Jezzie Valenti

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed Female

AGE

13 Years

WEIGHT

15 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Kenilworth AH

REFERRING VET

Dr. Mansour

INVOICE

41188

DATE

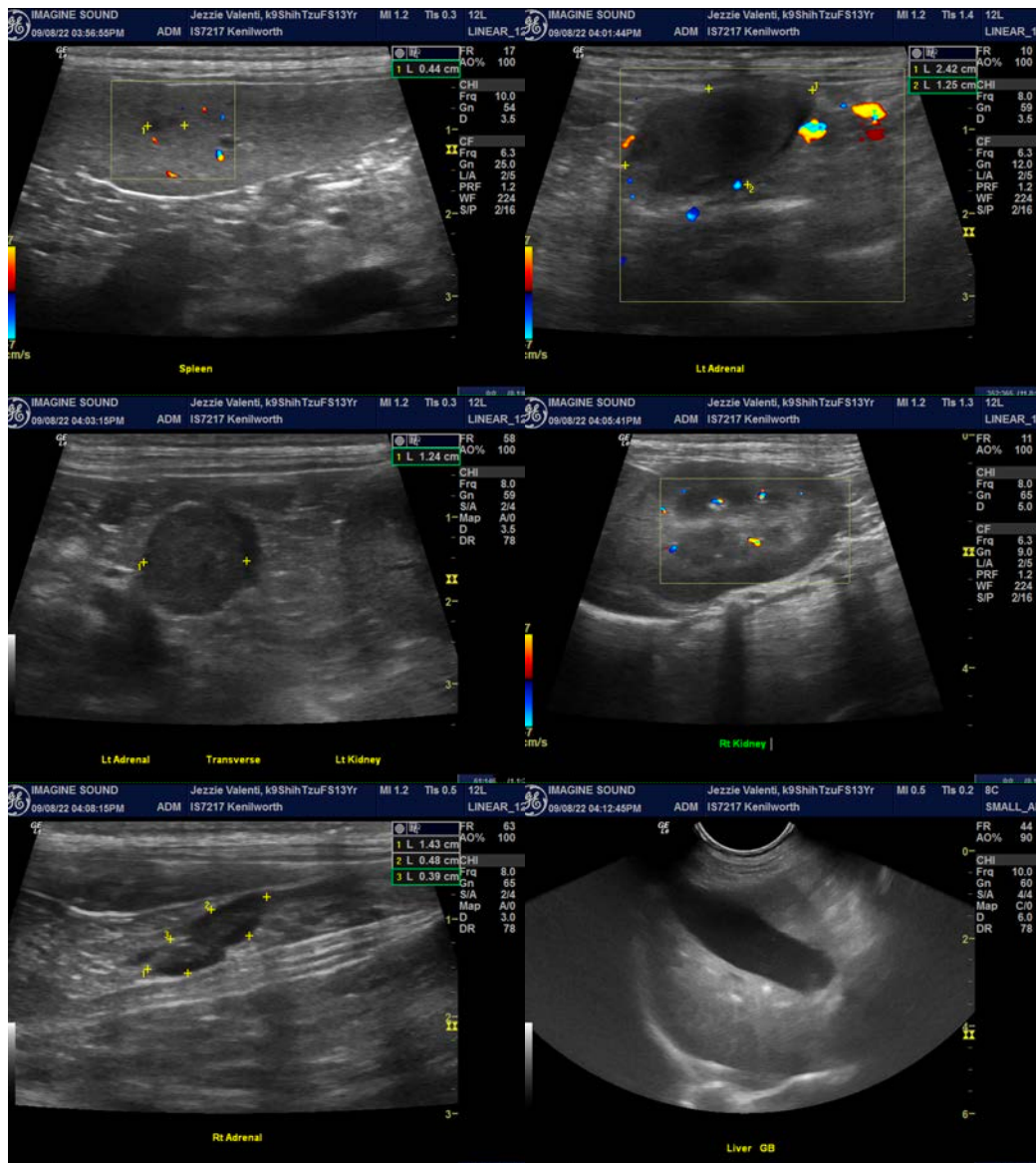
9/8/22

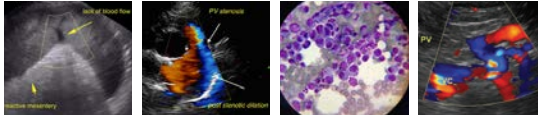
ULTRASONOGRAPHIC FINDINGS

- Enlarged left adrenal gland – pheochromocytoma, carcinoma, pronounced hyperplasia all possible.
- Undefined splenic nodule
- Iliac lymphadenopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Splenic FNA, iliac lymph node FNA +/- left adrenal FNA all indicated (if sonographer is comfortable with adrenal FNA). Serial blood pressures warranted. If hypertension is present, urine catecholamine would be indicated. If the patient appears Cushingoid, workup for adrenal dependent Cushing's would be recommended. Guarded prognosis depending upon cytology results and further diagnostics.





PATIENT

Jezzie Valenti

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.

SPECIES

Canine

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

BREED

Shih Tzu

info@SonoPath.com

SEX

Spayed Female

AGE

13 Years

WEIGHT

15 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUSS

**IMAGING
PERFORMED BY**

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Kenilworth AH

REFERRING VET

Dr. Mansour

INVOICE

41188

DATE

9/8/22