



PATIENT

Sage Klinger

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

13 Years

WEIGHT

32 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Meghan Morse LVT,
 CVT

HOSPITAL NAME

Walden Animal Clinic

REFERRING VET

Dr. Dickey

INVOICE

14093

DATE

03/05/26

PRESENTING CLINICAL SIGNS

- Rads of abdomen show "loss of serosal detail" in R cranial abdomen.
- Concerned about mass
- Abdominal pain
- Presented for acute v+ and lethargy
- Current meds: Hospitalized on IV LRS, Cerenia, Baytril, Gabapentin
- Hx of Fluoxetine, Metacam oral daily

Abnormal PE/Chem/CBC/UA Results: CPLI normal 3/4/26 BW 12/25 normal

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra to a depth of 3.0 cm 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 **iliac trifurcation** was unremarkable.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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. The left kidney measured 4.66 cm in length. The right kidney measured 4.88 cm in length.

Adrenal Glands

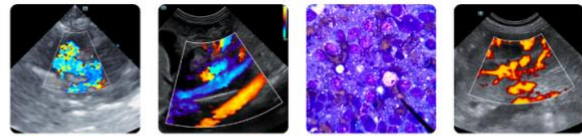
The **left adrenal gland** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.18 cm x 0.49 cm width at the caudal pole and 0.34 cm width at the cranial pole.

The **right adrenal gland** was slightly enlarged and measured 2.13 cm x 0.91 cm width at the cranial pole and 0.70 cm width at the caudal pole. A 1.3 cm hyperechoic nodule was present at the cranial pole without capsular expansion or vascular invasion/capsular escape.

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



PATIENT

Sage Klinger

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

13 Years

WEIGHT

32 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Meghan Morse LVT,
CVT

HOSPITAL NAME

Walden Animal Clinic

REFERRING VET

Dr. Dickey

INVOICE

14093

DATE

03/05/26

The **liver** in this patient revealed a mild to moderately complex cyst measuring approximately 8.0 cm x 7.8 cm, accommodating the mid left liver with minor suspended echogenic debris. The gallbladder was unremarkable and separate from the cyst. The liver parenchyma was otherwise unremarkable. The vena cava was free of evident invasion.

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.

ULTRASONOGRAPHIC FINDINGS

- Age-related renal changes.
- Enlarged right adrenal gland with right adrenal nodule- adenoma/hyperplasia, likely mild potential for emerging carcinoma or pheochromocytoma.
- Expansive liver cyst.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The liver cyst is likely benign, however at times, low-grade clinical signs can occur related to larger cysts, especially when deviation of regional tissues is present. There's no evidence of visceral disease responsible for the abdominal pain in this patient. Structurally, the GI tract is unremarkable.

Serial blood pressure measurements are recommended in this patient. If hypertension is an issue metanephrine level is recommended. If the patient appears Cushingoid and urine specific gravity is less than 1.020 then work-up for adrenal dependent Cushing's is indicated. Supportive care should prove effective. Recheck sonogram in approximately four weeks to assess for any progression of the right adrenal nodule and liver cyst.



PATIENT

Sage Klinger

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

13 Years

WEIGHT

32 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Meghan Morse LVT,
 CVT

HOSPITAL NAME

Walden Animal Clinic

REFERRING VET

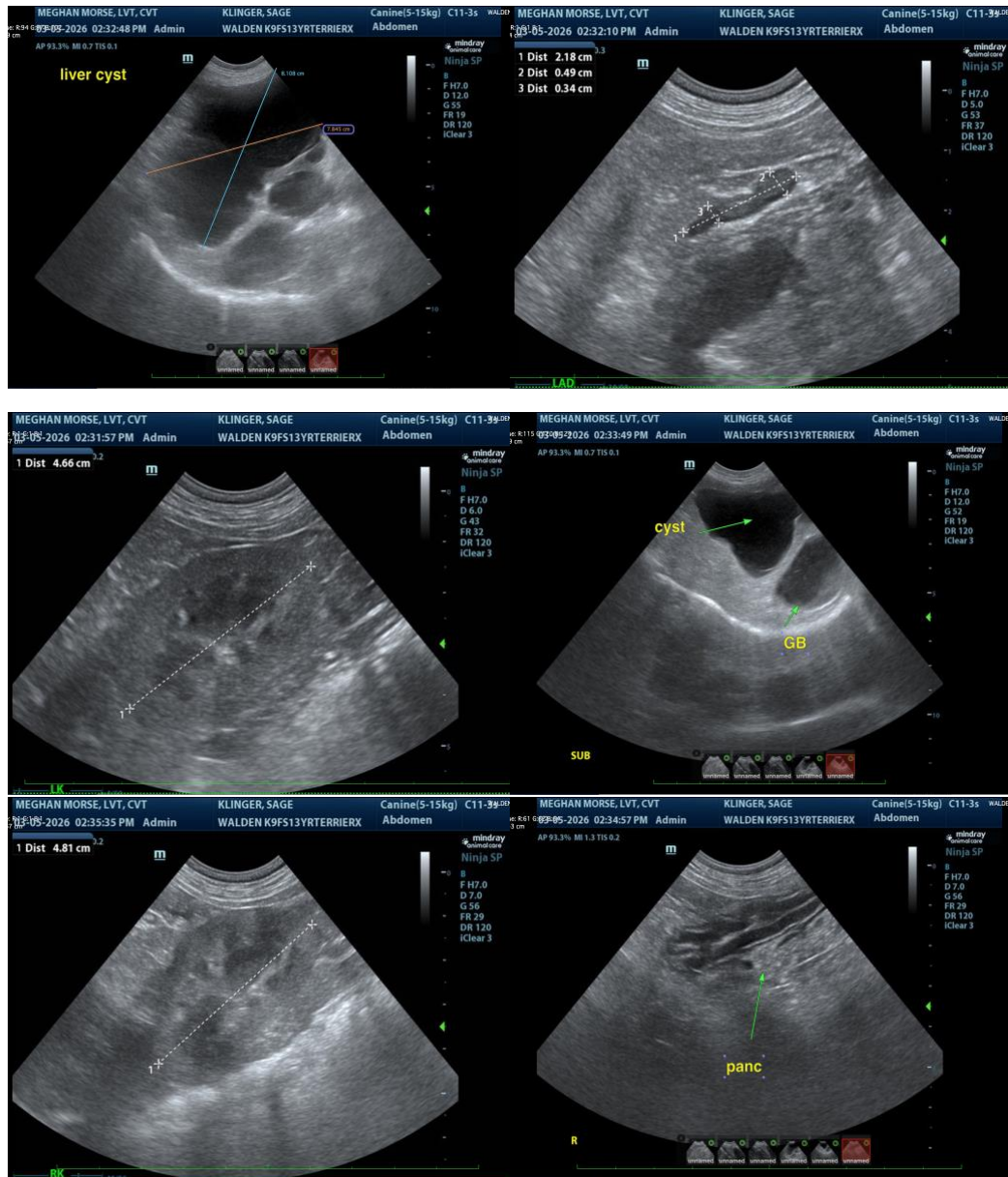
Dr. Dickey

INVOICE

14093

DATE

03/05/26





PATIENT

Sage Klinger

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

13 Years

WEIGHT

32 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Meghan Morse LVT,
 CVT

HOSPITAL NAME

Walden Animal Clinic

REFERRING VET

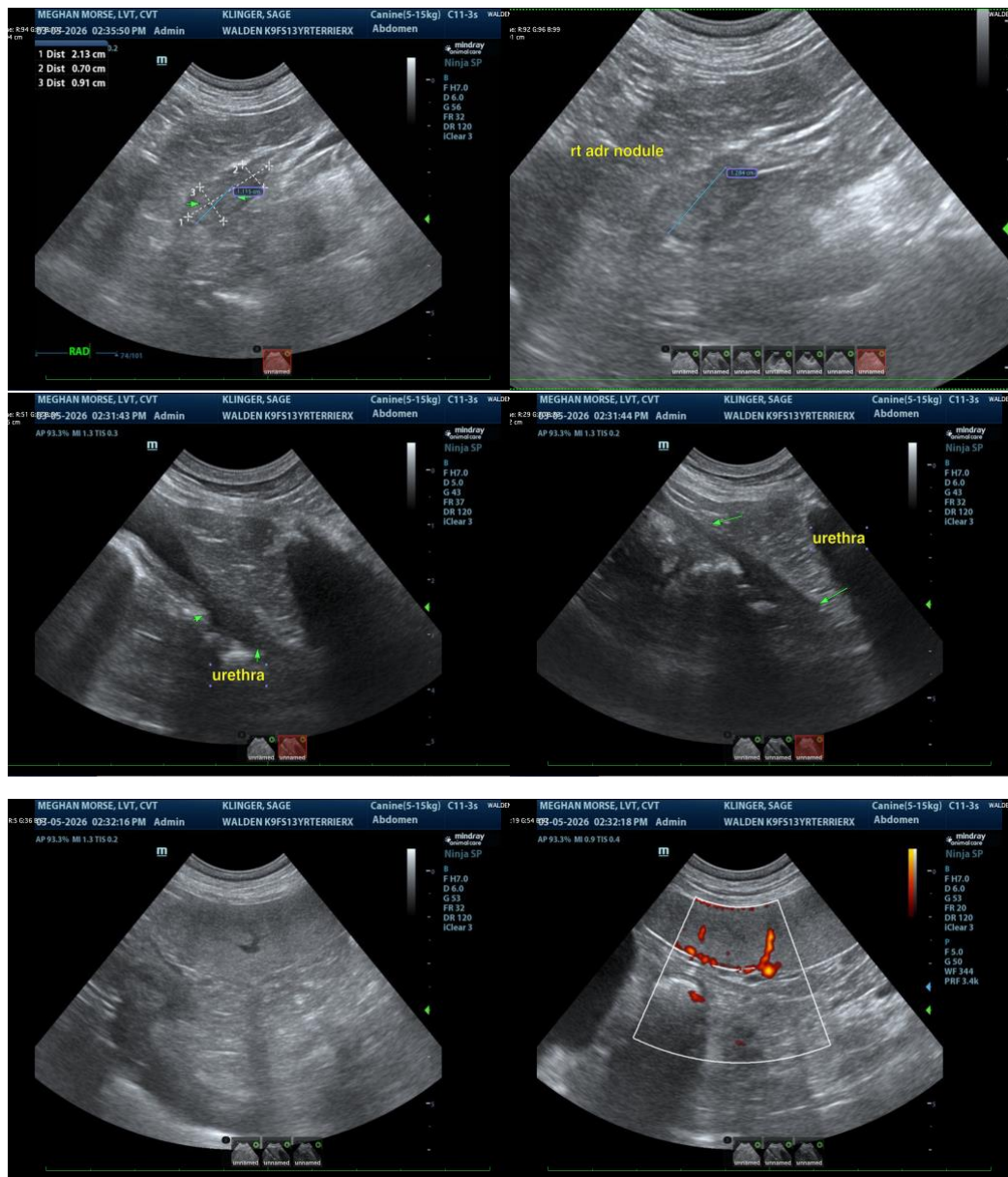
Dr. Dickey

INVOICE

14093

DATE

03/05/26



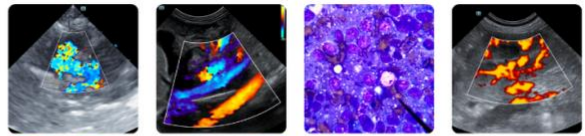
The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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,

CEO, Owner, Founder -- SonoPath.com

info@SonoPath.com



PATIENT

Sage Klinger

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

13 Years

WEIGHT

32 pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Meghan Morse LVT,
CVT

HOSPITAL NAME

Walden Animal Clinic

REFERRING VET

Dr. Dickey

INVOICE

14093

DATE

03/05/26