



PATIENT

Wrangler Klingfus

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed Female

AGE

8 Years 7 Months

WEIGHT

77 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Cassie Quillen, DVM

HOSPITAL NAME

Zumbrota Veterinary
Clinic

REFERRING VET

Cassie Quillen, DVM

INVOICE

72792

DATE

12/26/25

PRESENTING CLINICAL SIGNS

Presented to rDVM for decreased energy and appetite for the past 2 weeks. Blood work showed elevated kidney enzymes. Radiographs concerning for possible mass in the dorsal/mid abdomen displacing intestines ventrally.

Abnormal PE/Chem/CBC/UA Results: 8/12/25 PE: unremarkable CBC: all normal Chem: creat slightly high 1.5 (0.3-1.4), otherwise wnl UA: dilute USG 1.008; otherwise unremarkable HW/Tick screen: neg x 4 12/19/25 PE: tense on abdominal palpation, otherwise unremarkable CBC: RBC slightly high 8.72 (5.5-8.5), HGB slightly high 20.1 (12-18), HCT slightly high 56.11 (37-55); rest unremarkable Chem: BUN high 67 (7-25), Creat high 4.6 (0.3-1.4), amylase high 1266 (200-1200), Ca high 12.7 (8.6-11.8); rest unremarkable

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 **left kidney** revealed an expansive hypoechoic mass measuring 6.9 cm. Multiple other masses noted deriving from the left kidney.

The **right kidney** presented thickened, irregular contour with nodular changes and pyelectasia. An expansive hypoechoic mass was noted measuring 8.3 cm x 6.0 cm. Right kidney measured 7.5 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. Right measured 0.40 cm. Left measured 0.57 cm.

Spleen

The **spleen** was mildly enlarged, fairly uniform, with subtle hypoechoic nodular changes, and may be involved in a neoplastic process.

Liver

The **liver** was mildly swollen and slightly hypoechoic. However, attenuating sound beam did not allow for complete visualization of the liver.

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.



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Pancreas

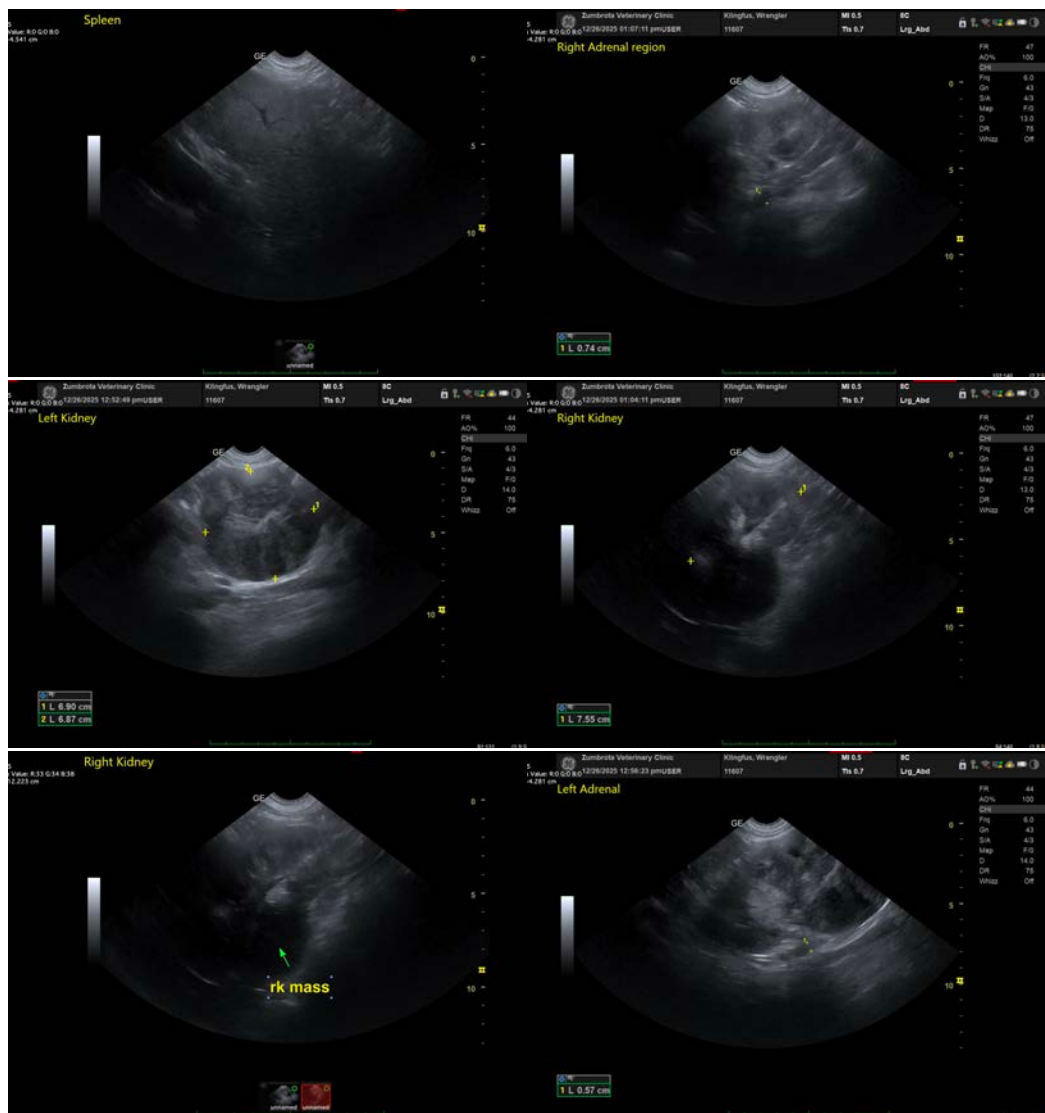
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Bilateral renal neoplasia with sarcomatous type pattern, potential early spleno-hepatic involvement.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA, chest radiographs, and immediate chemotherapeutic intervention recommended.





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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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