



PATIENT

Bernie Duncus

SPECIES

Canine

BREED

Mixed

SEX

Spayed female

AGE

14 years

WEIGHT

60.8 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

IMAGING PERFORMED BY

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DABVP, Cert. IVUSS,
CEO of SonoPath.com

HOSPITAL NAME

Franklin Lakes AH

REFERRING VET

Dr. Ward

INVOICE

77936

DATE

526/26

PRESENTING CLINICAL SIGNS

Mild non-regenerative anemia, elevated ALP 961, WBC 19.7 (neutrophilia and monocytosis).

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction and appeared normal. 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 was noted. Ureteral papillae were normal.

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 left kidney measured 7.8 cm with a cortical infarct. An undifferentiated mass appeared to attach to the caudal aspect of the left kidney, yet it is not likely deriving from the left kidney. The right kidney measured 6.17 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 2.12 x 0.57 cm and the right adrenal gland measured 2.74 x 1.19 cm at the cranial pole and 0.51 at the caudal pole.

Spleen

The **spleen** was not visualized as it was previously removed.

Liver

The **liver** was mildly enlarged. Subtle, multi-focal, hypoechoic, mildly disruptive nodules were noted throughout the liver. there is a strong concern for metastatic disease. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The **gastrointestinal tract** revealed an undifferentiated 14+ cm mass with regional lymph nodes. The mass appears to enter into the regional omentum and derives from what appears to be the distal small intestine or ileocecal region and extends into the regional mesentery and attached to the left kidney



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near the retroperitoneal space. There was no free fluid noted. Hyperechoic areas were noted within the mass which appears to be distorted intestinal lumen. The mass extends into the area of the splenic fossa, yet does not appear to derive from it.

Pancreas

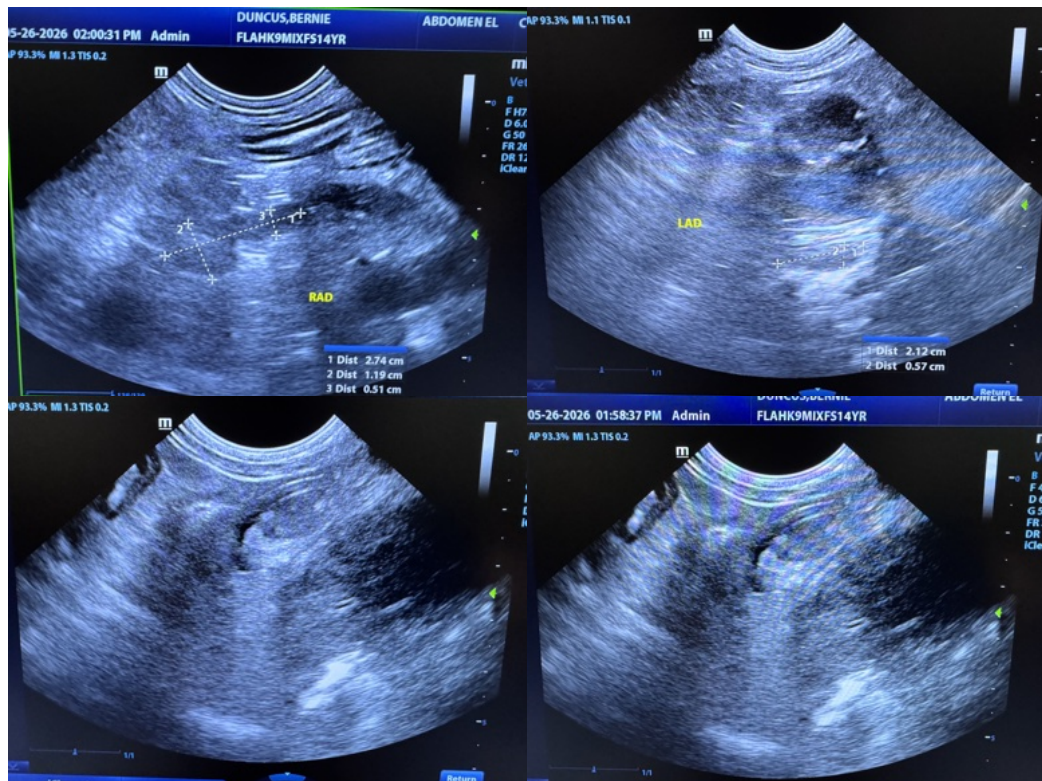
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Undifferentiated gastrointestinal mass attached to the left kidney with regional lymph nodes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound-guided FNA can be considered for further definition. Leiomyosarcoma is likely, round cell neoplasia is possible, carcinoma possible.





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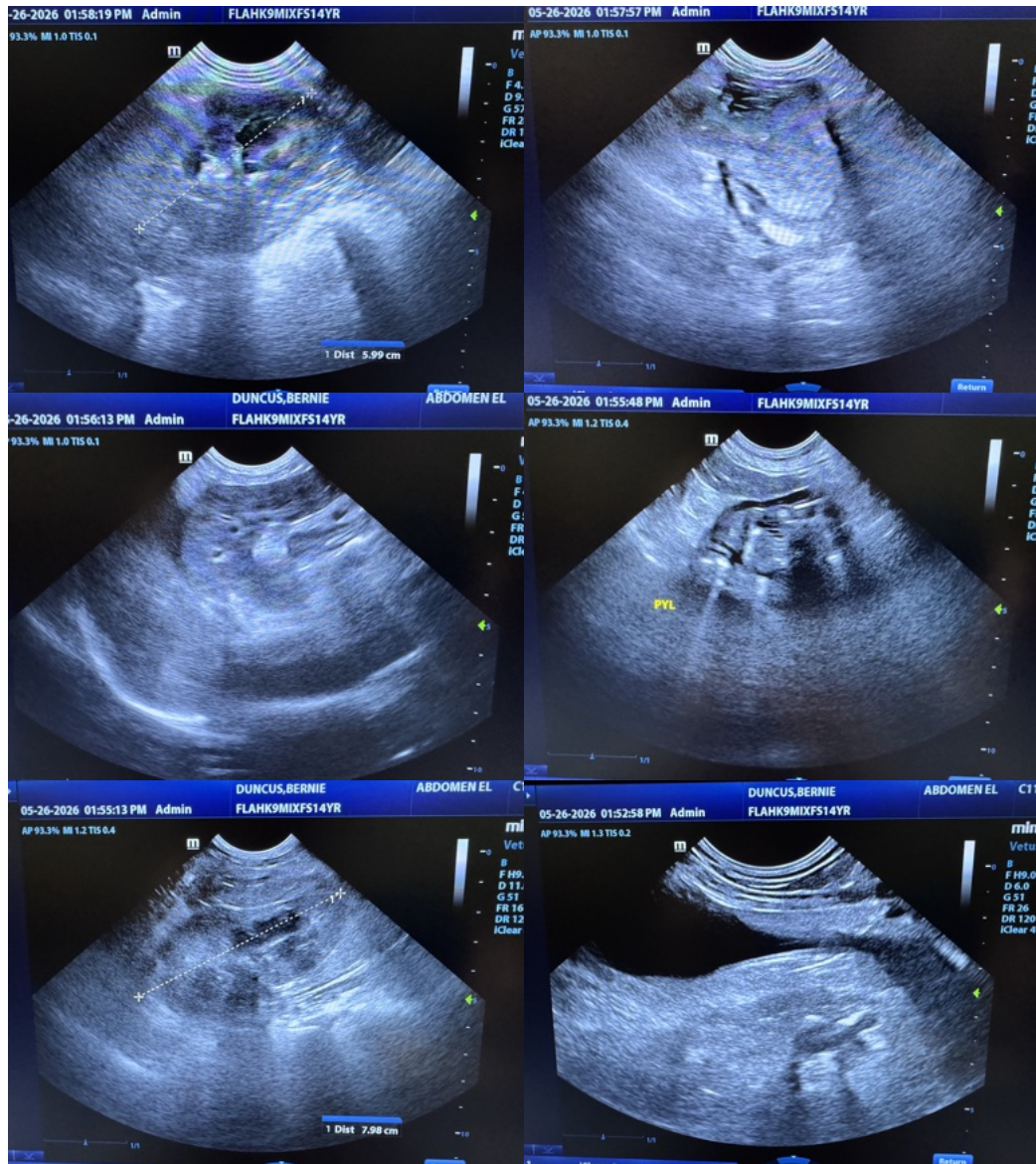
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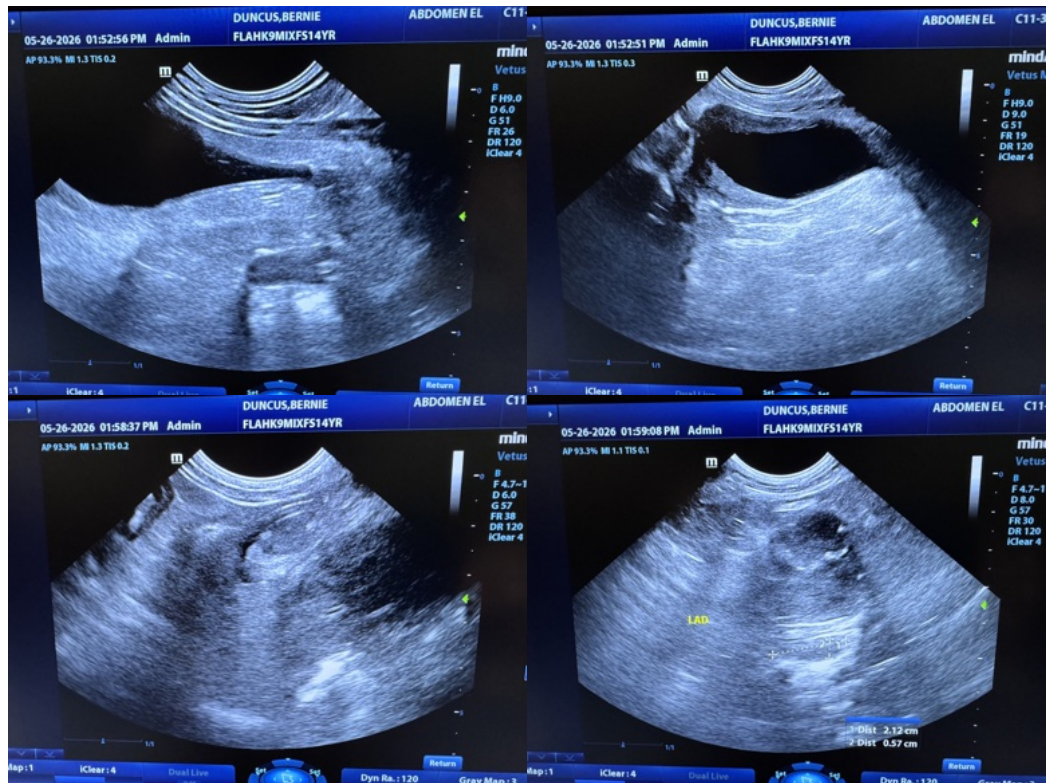
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com

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