



PATIENT PRESENTING CLINICAL SIGNS

Gus Tanis Hepatomegaly, R/O meds vs primary. On liver tonic, galliprant, cough tabs as needed.
Abnormal PE/Chem/CBC/UA Results: ALT 179, ALKP 474, ACTH stim neg

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

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.

Puggle

SEX

The residual prostate measured 5.0 mm.

Neutered Male

AGE

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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. Stable cortical infarct noted at the dorsocaudal cortex of the right kidney. Slight dystrophic mineralizations noted in both kidneys, stable. The right kidney measured 6.45 cm. The left kidney measured 6.45 cm.

12 Years

WEIGHT

Adrenal Glands

60.1 Pounds

The **left adrenal gland** was visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. The left adrenal gland measured 2.1 cm x 0.62 cm at the caudal pole and 0.57 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

The **right adrenal gland** was heterogeneous, irregular and nodular. Capsular expansion noted without capsular escape. Phrenic vein appeared free of evident invasion or thrombosis. The right adrenal gland measured 2.7 cm x 1.54 cm at the cranial pole and 0.78 cm at the caudal pole.

HOSPITAL NAME

Spleen

Legacy Animal Hospital

The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

REFERRING VET

Dr. Potenzzone

INVOICE

44797

Liver

DATE

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,

8/18/23



PATIENT

Gus Tanis

infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

Gastrointestinal

SPECIES

Canine

The **stomach** was unremarkable. An approximately 3.0 cm hypoechoic, disorganized, and peripherally inflamed mass was noted in the jejunum.

BREED

Puggle

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

AGE

12 Years

- Bilobed jejunal mass – carcinoma, leiomyosarcoma, round cell neoplasia all possible.
- Nodular right adrenal gland – likely hyperplasia.
- Age related renal, left adrenal, splenic, hepatic, and pancreatic changes

WEIGHT

60.1 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mass appears potentially resectable. Ultrasound guided FNA could be performed or direct exploratory surgery if chest radiographs are free of evident pathology, with resection and anastomosis.

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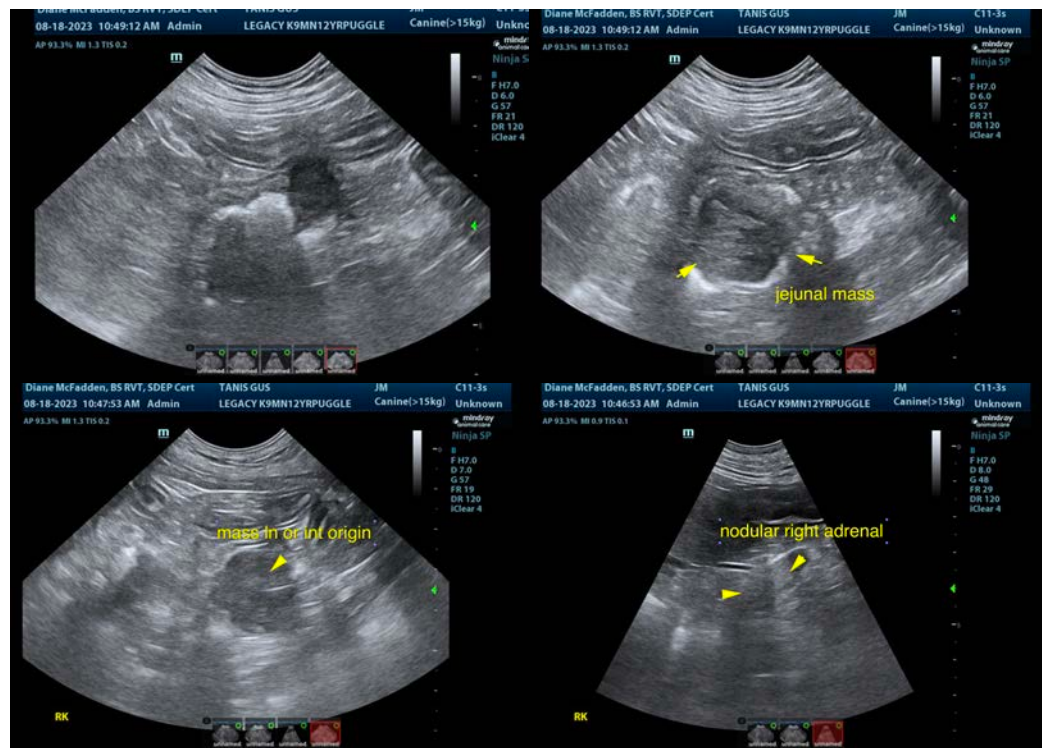
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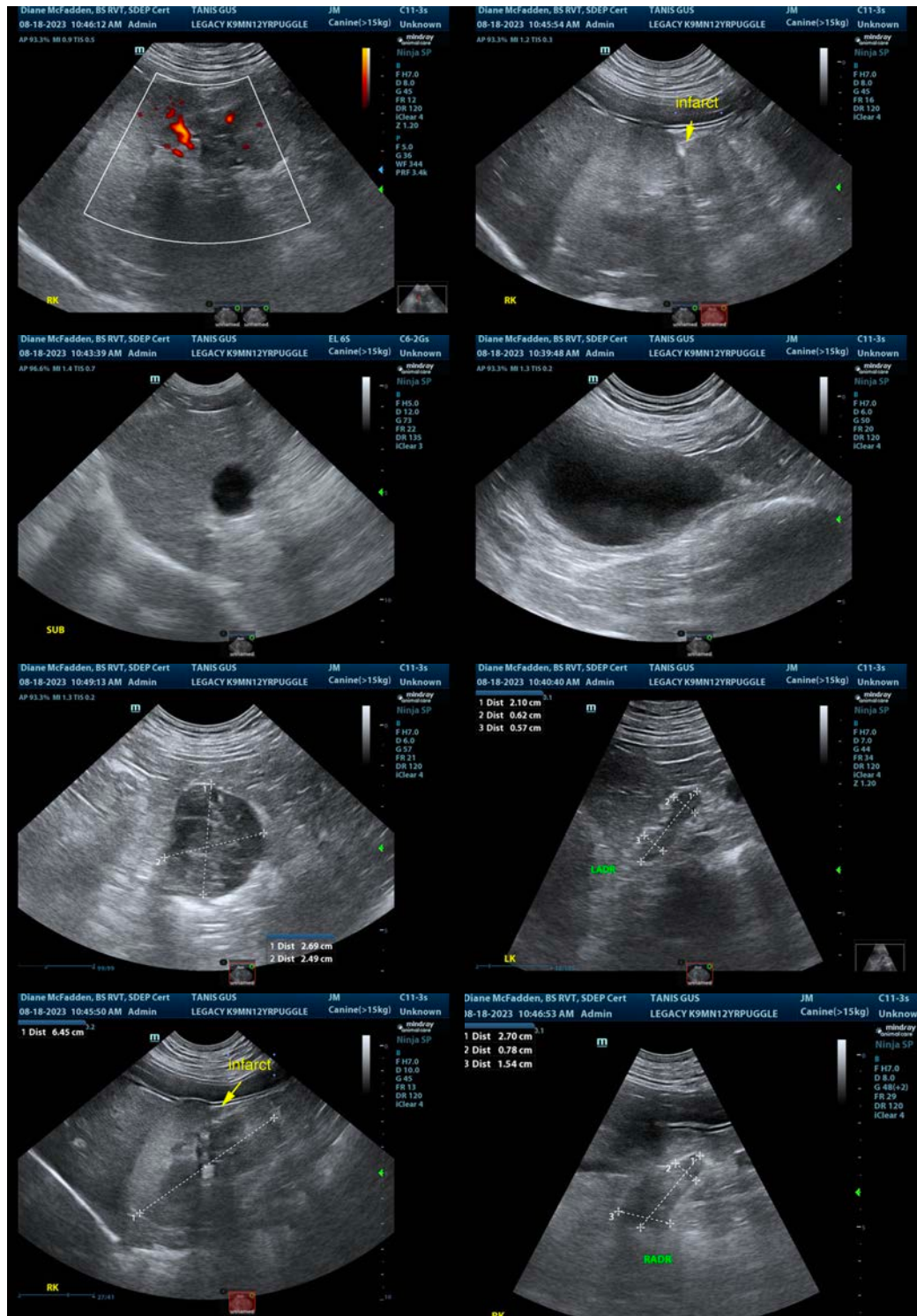
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Puggle

info@SonoPath.com

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