



PATIENT	PRESENTING CLINICAL SIGNS
Tucker Messler	History: Elevated liver and pancreatic values. Vomiting, poor appetite, lethargic Abnormal PE/Chem/CBC/UA Results: ALT 295, ALK PHOS 2475, PSL 341
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	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.
Labrador	
SEX	
Neutered male	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. Cortical infarcts were noted in both kidneys. The right kidney measured 7.16 cm. The left kidney measured 7.25 cm. Patchy, hyperechoic nodular changes were noted on the left renal cortex.
AGE	
12 years	
WEIGHT	Adrenal Glands
82 lbs	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.
INTERPRETED BY	Spleen
Eric Lindquist, DMV DABVP, Cert. IVUSS	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 was noted.
IMAGING PERFORMED BY	
JK	
HOSPITAL NAME	Liver
Hamburg VC	The liver was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.
REFERRING VET	
Dr. Martens	
INVOICE	Gastrointestinal
44739	The upper gastrointestinal tract was enveloped by the pancreatic pathology. The gastric lumen was unremarkable and empty; however, minor duodenal stasis is present. Small and large intestine
DATE	
6/14/23	



PATIENT

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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

Pancreas

The **pancreas** revealed mixed echogenic changes throughout the right and left limbs with enhanced, surrounding mesentery.

BREED

Labrador

ULTRASONOGRAPHIC FINDINGS

Gastroenteritis.

SEX

Neutered male

Pancreatitis.

Benign hepatopathy.

Renal infarcts.

AGE

12 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

82 lbs

IV fluid support, 24-hour n.p.o. and broad spectrum antibiotics as well as pain management is warranted. Urinary work-up is recommended. A recheck sonogram is recommended in 4-7 days to ensure adequate resolution.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

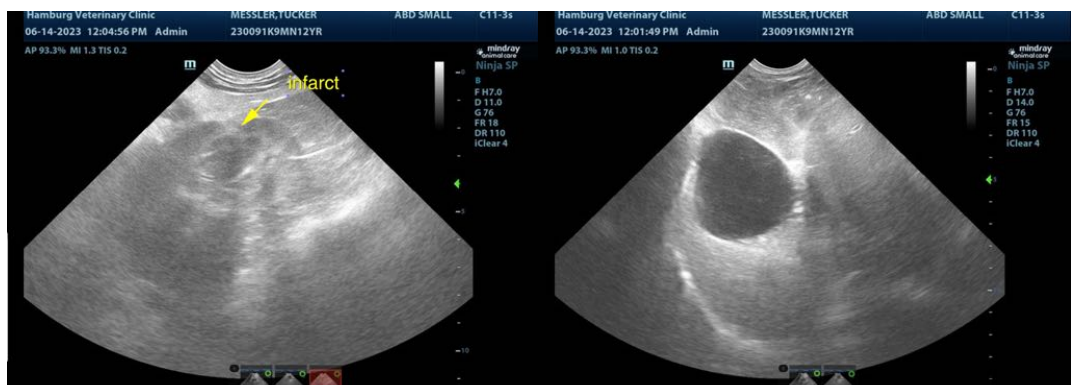


IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC



REFERRING VET

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SPECIES

Canine

BREED

Labrador

SEX

Neutered male

AGE

12 years

WEIGHT

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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.

BREED

Labrador

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

SEX

Neutered male

AGE

12 years

WEIGHT

82 lbs

INTERPRETED BY

Eric Lindquist, DMV
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**IMAGING
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