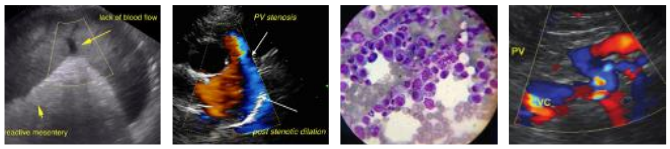
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Lulu Glackin

SPECIES

Canine

BREED

Jack Russell

SEX

Spayed Female

AGE

11 Years

WEIGHT

10.89 kg

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Isermann

HOSPITAL NAME

Animal Emergency Hospital Volusia

REFERRING VET

Dr. Isermann

INVOICE

22422

DATE

5/10/23

PRESENTING CLINICAL SIGNS

History: Lulu presented as a transfer from RDVM. Applied Advantix and she licked it off then started vomiting afterwards.

Abnormal PE/Chem/CBC/UA Results: PLT: 704 BUN: 92 Phos : too high to read Crea: 2.9

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal. This is a mild change.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild 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. Slight pyelectasia was noted bilaterally. The left kidney measured 5.2 cm. The right kidney measured 5.5 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. The left adrenal gland measured 0.6 cm. The right adrenal gland was visualized obliquely, measuring 0.57 cm.

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

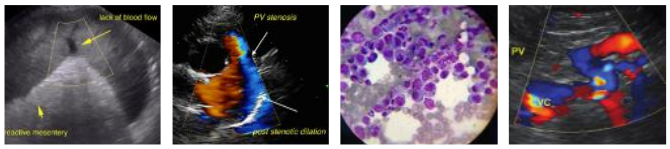
The **liver** itself was unremarkable. The gallbladder was mildly over distended with minor suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.

Gastrointestinal

The **stomach** presented concentric mural thickening with empty lumen, consistent with gastritis. Echogenic mucosal remodeling was noted; however, submucosal layers were intact. The small intestine and colon were unremarkable.

Pancreas

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Lulu Glackin

SPECIES

Canine

BREED

Jack Russell

SEX

Spayed Female

AGE

11 Years

WEIGHT

10.89 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Isermann

HOSPITAL NAME

Animal Emergency Hospital Volusia

REFERRING VET

Dr. Isermann

INVOICE

22422

DATE

5/10/23

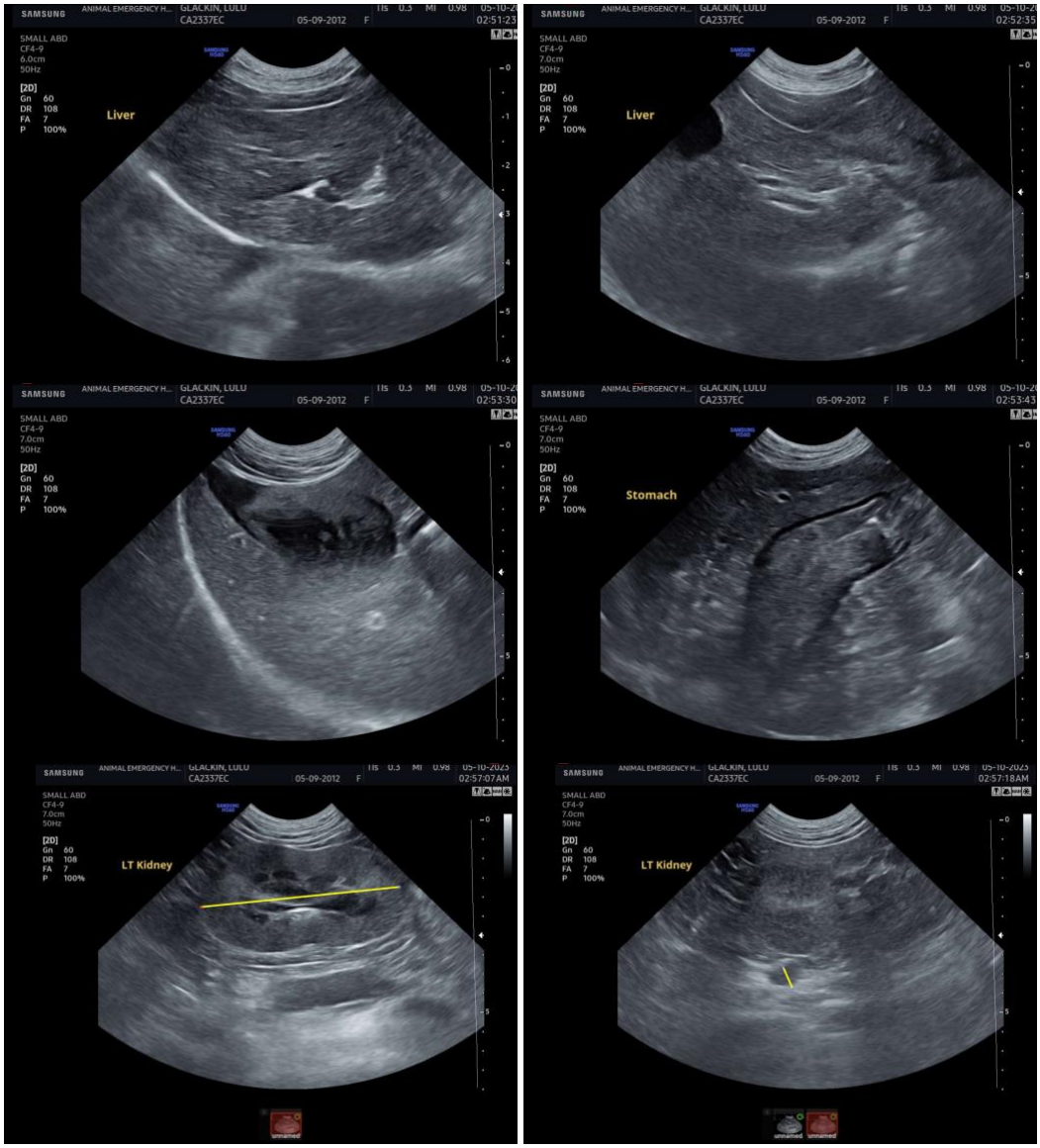
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

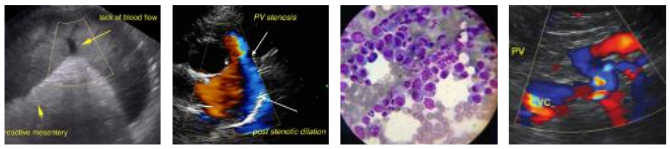
- Gastritis pattern
- Slight renal pyelectasia, possibly owing to fluid therapy if the patient was under fluid therapy during sonogram.
- Minor excessive gallbladder sludge
- Age-related abdominal changes otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

GI protectant protocol is warranted. Supportive care should prove effective.



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Lulu Glackin

SPECIES

Canine

BREED

Jack Russell

SEX

Spayed Female

AGE

11 Years

WEIGHT

10.89 kg

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Isermann

HOSPITAL NAME

Animal Emergency Hospital Volusia

REFERRING VET

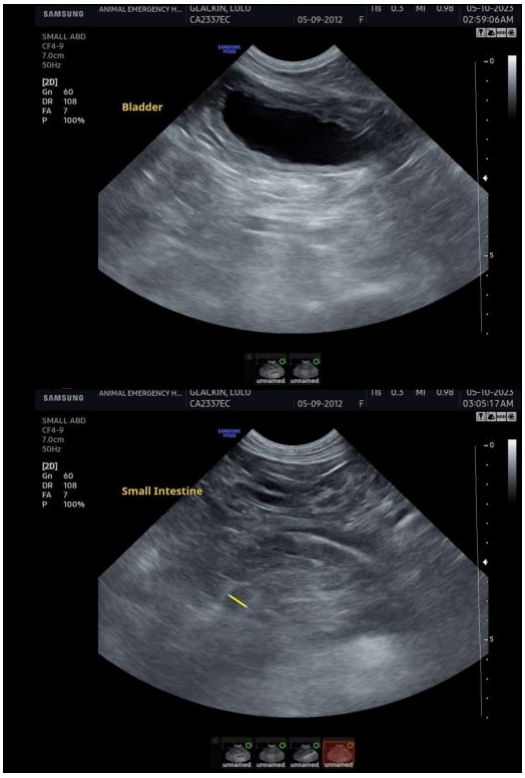
Dr. Isermann

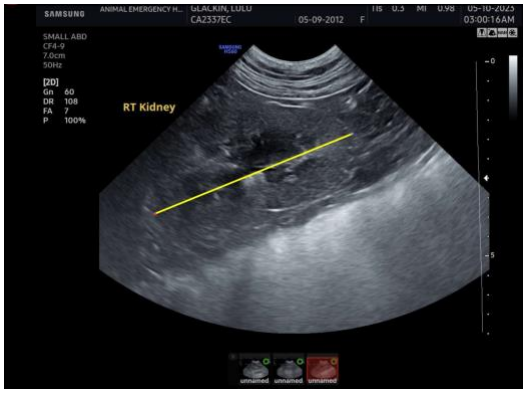
INVOICE

22422

DATE

5/10/23





The information and recommendations provided are based on the images presented by the referring veterinarian. 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
info@SonoPath.com