



PATIENT

Grayson Lieberman

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

16 Years

WEIGHT

9.5 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

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

HOSPITAL NAME

Franklin Lakes Animal
Hospital

REFERRING VET

Dr. Alan P

INVOICE

14013

DATE

03/03/26

PRESENTING CLINICAL SIGNS

Recent Hematuria, treated with antibiotics.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed a dorsal mural mass measuring approximately 2.8 cm x 1.0 cm pedunculated stock on the dorsal wall. This mass appears resectable. Power doppler signals were positive. The cystourethral junction, ureteral papilla and deep pelvic urethra were free of evident pathology. The mass is also mineralizing.

The iliac trifurcation was unremarkable.

The **kidneys** presented with mild to moderate cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 3.77 cm in length. The right kidney measured 3.73 cm in length. Blood flow appeared to be adequate.

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 0.41 cm width. The right adrenal gland measured 0.52 cm width.

Spleen

The **spleen** presented slightly enlarged measuring 1.2 cm and may be owing to sedation with a uniform parenchyma.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild 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, 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

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.

Pancreas



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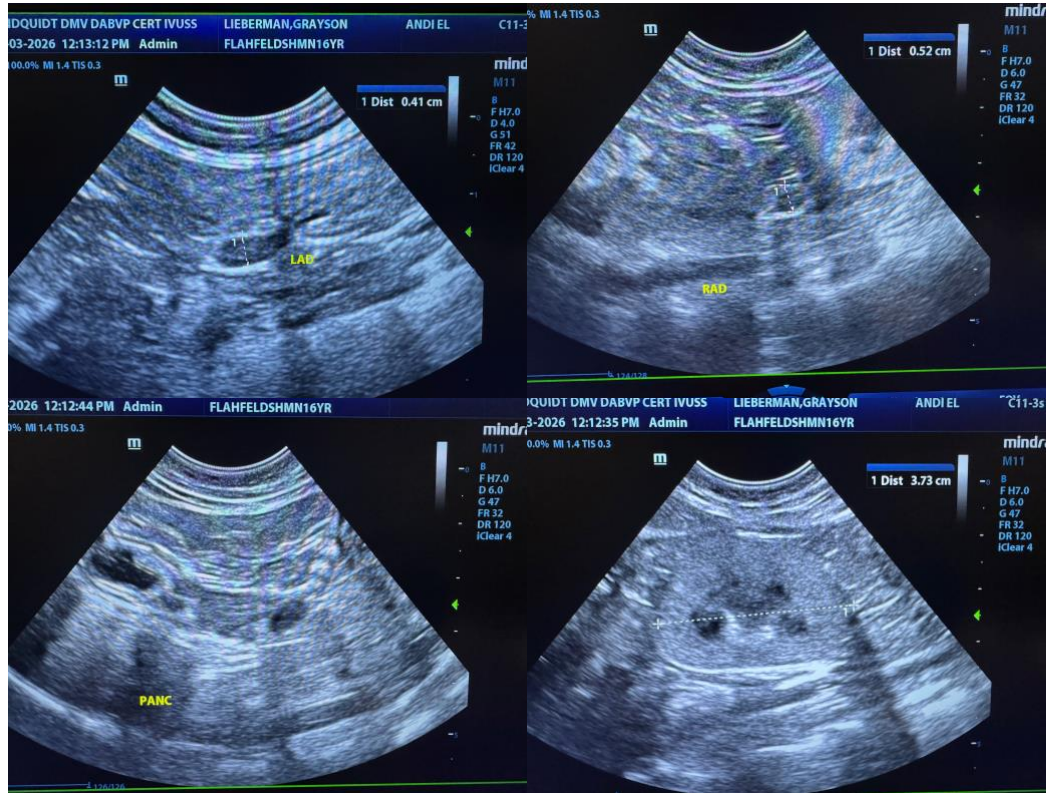
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some moderate parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes.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

ULTRASONOGRAPHIC FINDINGS

- Resectable dorsal bladder mass- consistent with carcinoma.
- Age-related abdominal changes otherwise.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of metastatic disease.





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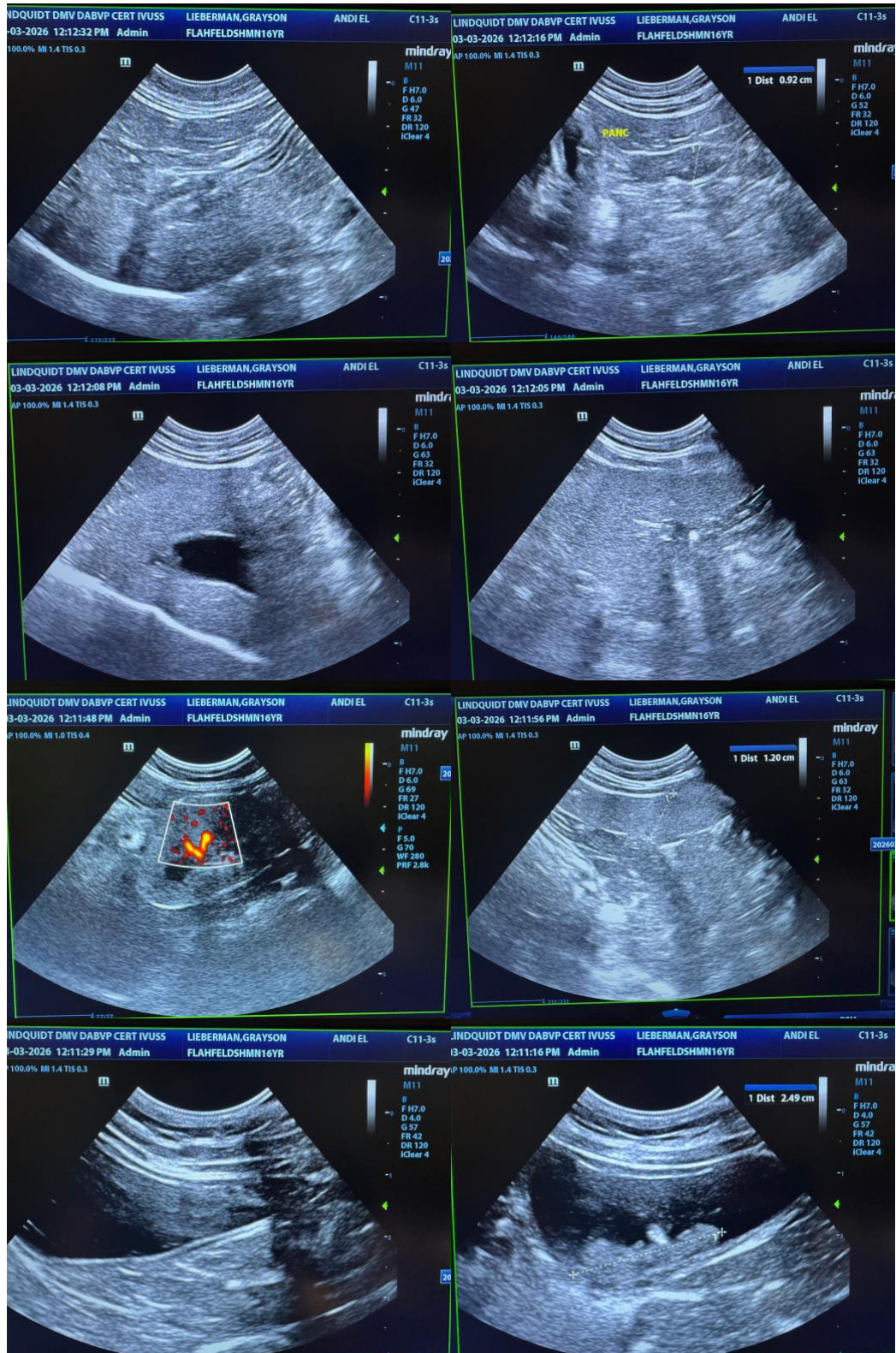
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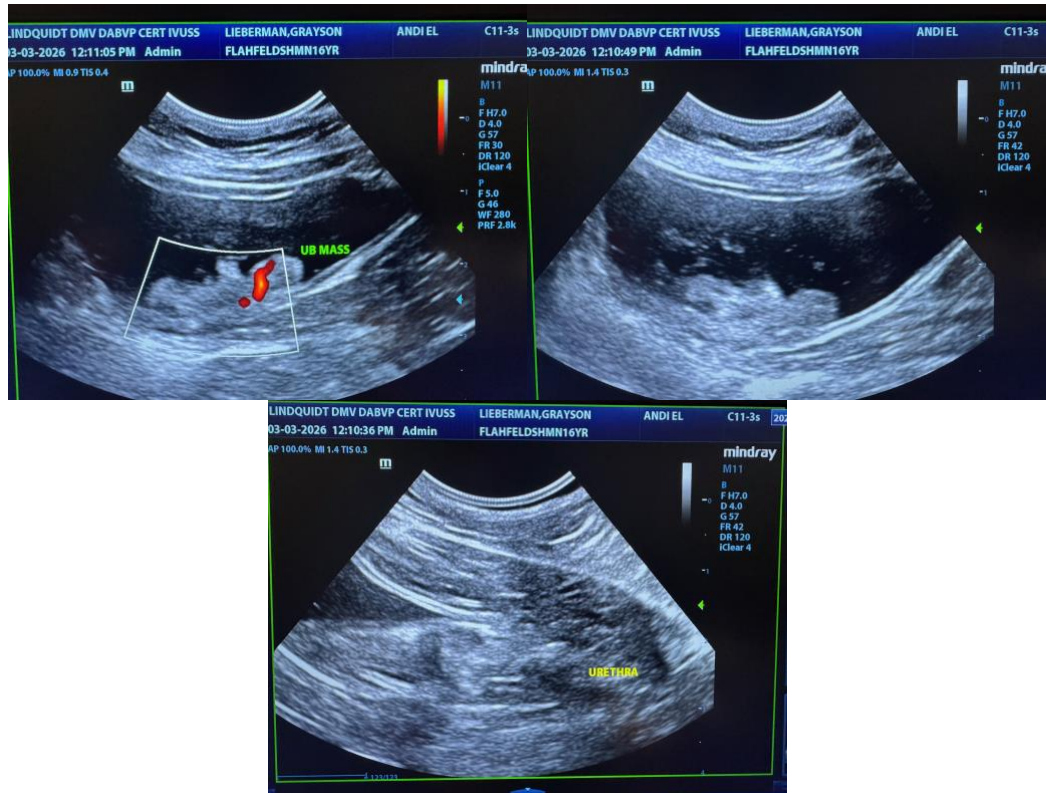
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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(CFM), Cert. IVUSS,

CEO, Owner, Founder -- SonoPath.com

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