



PATIENT

Louie Bruce

SPECIES

Canine

BREED

Pitbull

SEX

Neutered male

AGE

13 year

WEIGHT

41.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Packanack AH

REFERRING VET

Dr. Gonzaga

INVOICE

72052

DATE

2/27/26

PRESENTING CLINICAL SIGNS

- Chronic weight loss
- Recent ABD Rads: Severe intestinal gas dilation, poss mass/ effect
- Generalized muscle wasting, firm distended abdomen
- Meds: Provable, Purina Pro Plan Vet HA
- 2/12/26: Glob 3.7 (1.6-3.6) WBC 3.3K (4.0-15.5) USG 1.009 on 12/9/25

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. Small calculi were noted in the bladder. A grouping of calculi measured up to 2.0 cm. The calculi were non-obstructive at the time of the sonogram. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** were mildly swollen with slight pyelectasia noted and mild to moderate echogenic cortical remodeling. The left kidney measured 7.2 cm. The right kidney measured 7.5 cm.

The residual **prostate** measured 0.5 cm.

Adrenal Glands

The right **adrenal gland** was enlarged, heterogenous and nodular measuring 2.57 x 1.34 cm at the caudal pole and 0.7 cm at the cranial pole. The left adrenal gland was enlarged and heterogenous measuring 3.41 x 1.65 cm at the caudal pole and 0.8 cm at the cranial pole.

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 was noted.

Liver

The **liver** revealed coarse architecture with increased portal markings with a moderate amount of remodeling. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident.



PATIENT

Louie Bruce

SPECIES

Canine

BREED

Pitbull

SEX

Neutered male

AGE

13 year

WEIGHT

41.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Packanack AH

REFERRING VET

Dr. Gonzaga

INVOICE

72052

DATE

12/27/26

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

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

Age related renal changes with slight pyelectasia.
Bilateral adrenal hypertrophy. Potential emerging PDH.
Chronic inflammatory hepatopathy likely.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Both adrenal glands should be monitored for progression as the nodular changes are concerning. I cannot rule out an emerging carcinoma or pheochromocytoma on either adrenal gland. There are multiple comorbidities in this patient including bladder calculi, hepatic remodeling, bilateral nodular adrenal glands and age related renal changes with slight pyelectasia.

Full urinary work-up is warranted as well as bile acid profile and serial blood pressures. If hypertension is an issue then urine metanephrine level is indicated. If the patient appears Cushingoid and the urine specific gravity is persistently less than 1.020, then work-up for PDH is indicated. Underlying UTI may be playing a role as well.





PATIENT

Louie Bruce

SPECIES

Canine

BREED

Pitbull

SEX

Neutered male

AGE

13 year

WEIGHT

41.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Packanack AH

REFERRING VET

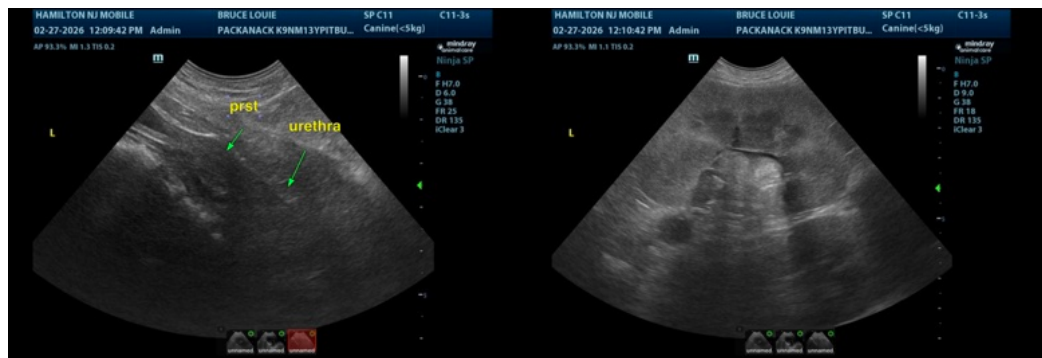
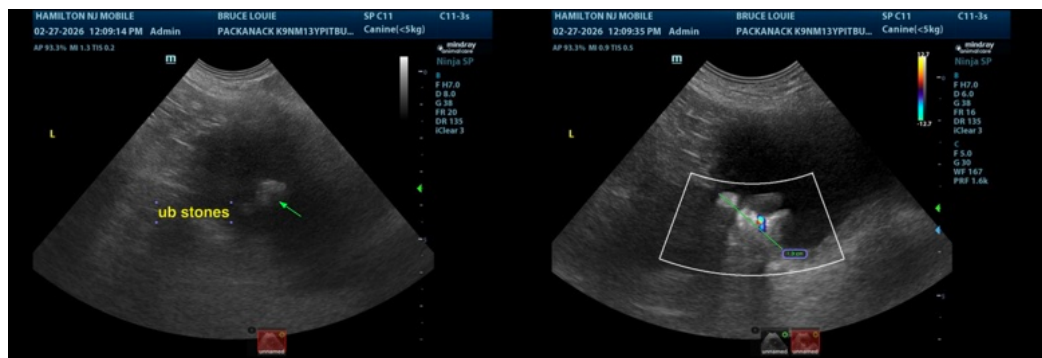
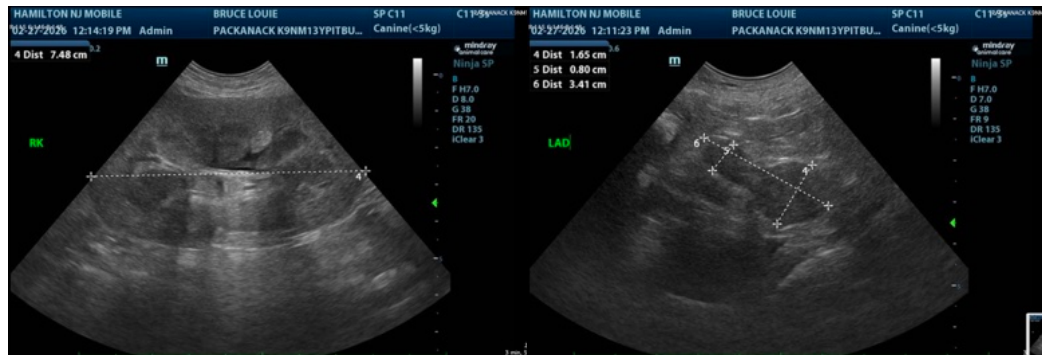
Dr. Gonzaga

INVOICE

72052

DATE

2/27/26





PATIENT

Louie Bruce

SPECIES

Canine

BREED

Pitbull

SEX

Neutered male

AGE

13 year

WEIGHT

41.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Packanack AH

REFERRING VET

Dr. Gonzaga

INVOICE

72052

DATE

2/27/26



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

info@SonoPath.com