



PATIENT

Walter Cornell

SPECIES

Canine

BREED

Terrier Mix

SEX

Netuered male

AGE

10 years

WEIGHT

8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Hayley Biederbeck

HOSPITAL NAME

Lomsnes VH

REFERRING VET

Dr. Biederbeck

INVOICE

73586

DATE

3/18/26

PRESENTING CLINICAL SIGNS

- Lethargic, not himself. No weight loss but is inappetent. No diarrhea/vomiting. No PU/PD.
- Nov 2025 - R hepatoid gland adenoma - sx removed, complete excision. No site recurrence however is currently having severe anal pruritis with infected anal gland.
- On RC hypo diet
- CBC/Chem -nsf U/A- USG 1.040, pH 7. Sediment has abundant cells - 3+ granular epithelial squamous/trans = concern of abnormal cell population in bladder. No crystals. Lepto test : negative

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 was noted. Ureteral papillae were normal.

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Mineralization was noted in the kidneys. The left and right kidney measured 4.7 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 0.5 cm. The right adrenal gland measured 0.5 cm.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

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. Occasional, hypoechoic, non-disruptive nodular changes were noted. 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



PATIENT

Walter Cornell

SPECIES

Canine

BREED

Terrier Mix

SEX

Netuered male

AGE

10 years

WEIGHT

8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Hayley Biederbeck

HOSPITAL NAME

Lomsnes VH

REFERRING VET

Dr. Biederbeck

INVOICE

73586

DATE

3/18/26

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

The **gastric** wall was mildly thickened with muscularis hypertrophy. The wall thickness measured 0.88 cm with mild mucosal remodeling. The small intestines and colon were unremarkable with normal curvilinear mural patterns and content.

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.

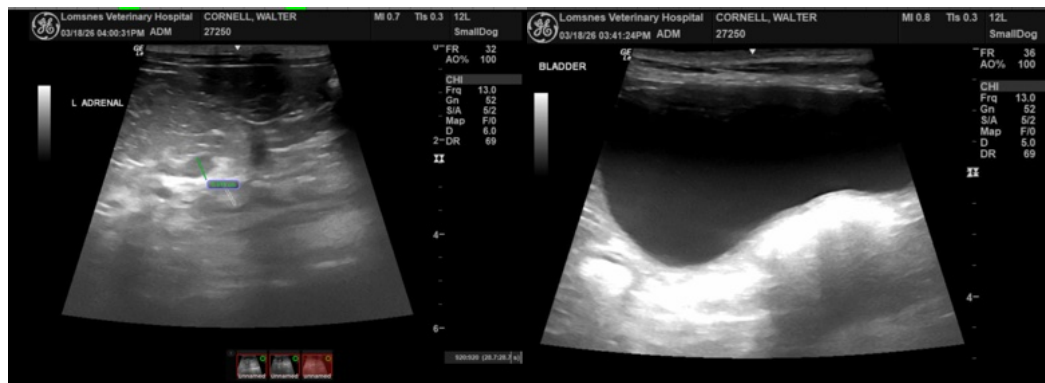
ULTRASONOGRAPHIC FINDINGS

Unremarkable age related abdominal changes with minor pinpoint nephrolithiasis and mild hepatic remodeling.

Minor gastric thickening.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no gross evidence of pathology responsible for the clinical signs. Given the vague lethargy, orthopedic pain, CNS or thoracic disease should all be considered.





PATIENT

Walter Cornell

SPECIES

Canine

BREED

Terrier Mix

SEX

Netured male

AGE

10 years

WEIGHT

8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Hayley Biederbeck

HOSPITAL NAME

Lomsnes VH

REFERRING VET

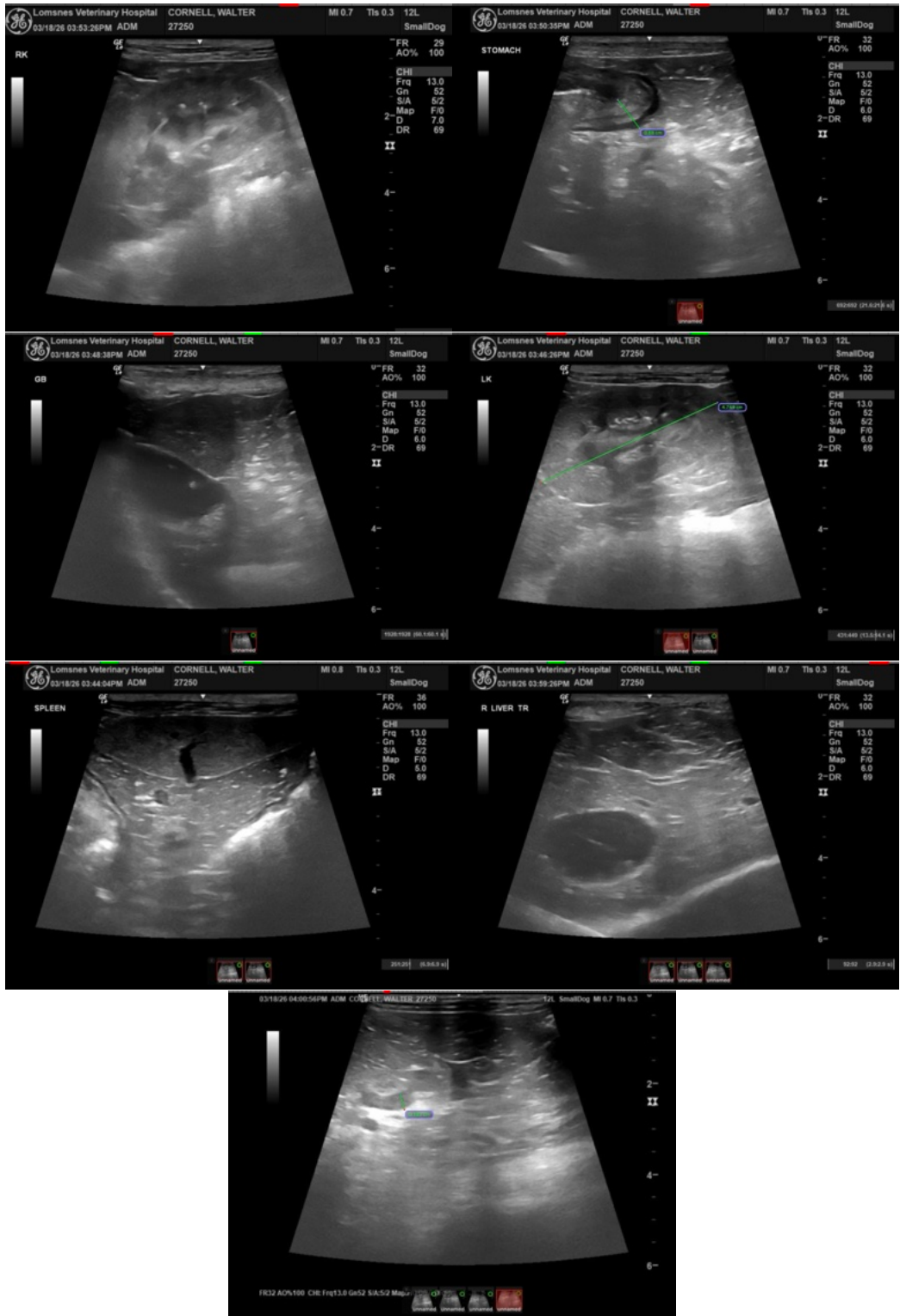
Dr. Biederbeck

INVOICE

73586

DATE

3/18/26





PATIENT

Walter Cornell

SPECIES

Canine

BREED

Terrier Mix

SEX

Netuered male

AGE

10 years

WEIGHT

8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Hayley Biederbeck

HOSPITAL NAME

Lomsnes VH

REFERRING VET

Dr. Biederbeck

INVOICE

73586

DATE

3/18/26

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com