



PATIENT

Dexter Brenning

SPECIES

Canine

BREED

Yorkie Maltese

SEX

Neutered male

AGE

12 years

WEIGHT

18 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Griffin

INVOICE

14962

DATE

4/29/22

PRESENTING CLINICAL SIGNS

Patient is having shallow breathing and falling down, history of back pain. On galliprant daily
Abnormal PE/Chem/CBC/UA Results: PE: Painful on abdominal palpation CBC: WNL CHEM: ALKP 608
BP 114/85 mean 96

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate age-related loss of curvilinear patterns regarding the capsule and C/M junction. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Minor microcystic cortical changes noted. Both kidneys measured 5.0 cm each.

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 0.57 cm. The right adrenal gland measured 0.6 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 was noted.

Liver

The **liver** presented heterogenous parenchyma with increased portal markings and coarse architecture. Slight undulating capsular contour was noted. The gallbladder and common bile duct were unremarkable. This is consistent with mild to moderate chronic inflammatory hepatopathy. Occasional hypoechoic nodular changes noted, nondisruptive.

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



PATIENT

Dexter Brenning

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Moderate hepatic remodeling
- Age-related renal changes with microcystic cortical changes

BREED

Yorkie Maltese

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Bile acid profile warranted +/- FNA of the liver or core biopsy. No evidence of neoplasia. No direct evidence of abdominal disease responsible for the clinical signs. Given the patient history, echocardiogram, chest radiographs, full CNS examination and blood pressures all indicated.

SEX

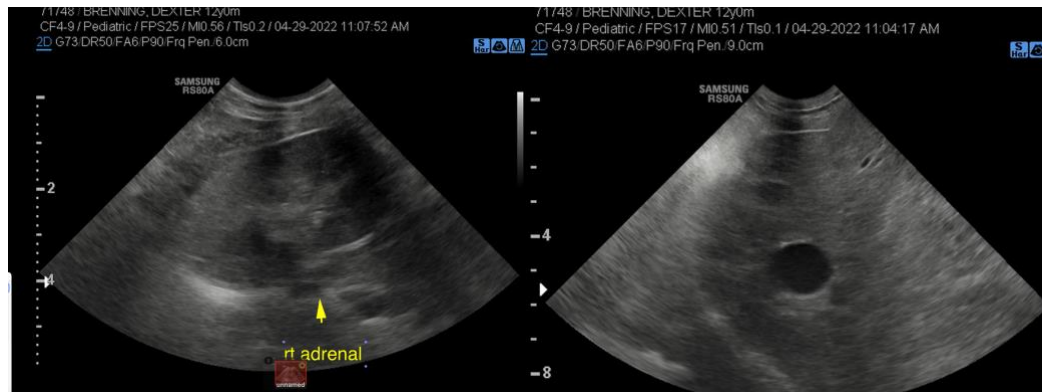
Neutered male

AGE

12 years

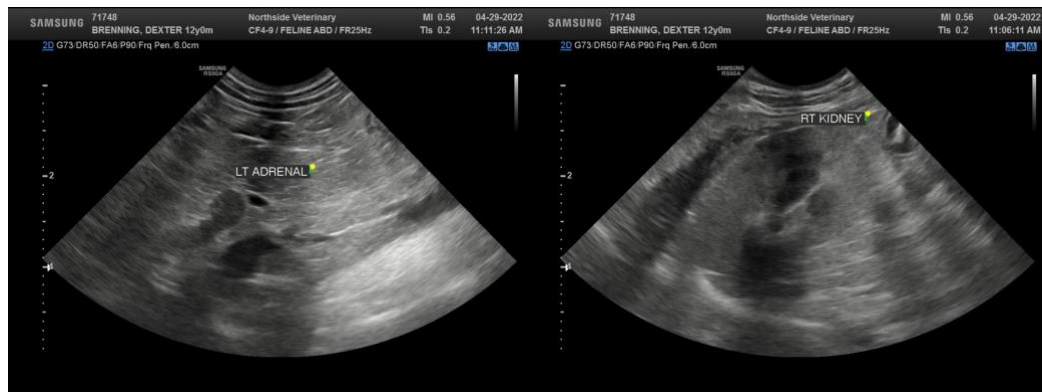
WEIGHT

18 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

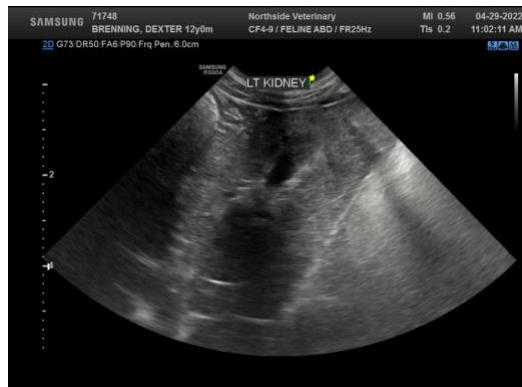
Dr. Griffin

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Griffin



INVOICE

14962

DATE

4/29/22



PATIENT

Dexter Brenning

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

Yorkie Maltese

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

SEX

Neutered male

AGE

12 years

WEIGHT

18 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Griffin

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Griffin

INVOICE

14962

DATE

4/29/22