



PATIENT

Greta Brooks

SPECIES

Canine

BREED

Poodle

SEX

FS

AGE

4 years

WEIGHT

36.5 pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**
JK

HOSPITAL NAME

Hamburg Veterinary
Clinic

REFERRING VET

Dr. DenHeyer

INVOICE

10550ag

DATE

05/09/2022

PRESENTING CLINICAL SIGNS

History: PU/PD, Elevated kidney values. Vomiting, poor appetite, weight loss
Abnormal PE/Chem/CBC/UA Results: BUN 85 CREAT 4.4, ALB 1.6, UA SG 1.018. LDDS pending

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 were noted. Ureteral papillae were normal.

The right kidney was swollen with a dilated renal pelvis consistent with pyelonephritis. The right kidney measured 7 cm in length. The left kidney was not visualized and is likely aplastic.

Adrenal Glands

The right adrenal gland was visualized and appeared normal. The left adrenal gland was not visualized and is likely aplastic. The right adrenal gland measured 0.6 cm in width.

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 images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the gastrointestinal tract revealed a stomach containing nonobstructive shadowing material. Otherwise, the stomach and intestine were 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.



PATIENT

Greta Brooks

SPECIES

Canine

BREED

Poodle

SEX

FS

AGE

4 years

WEIGHT

36.5 pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY
JK

HOSPITAL NAME

Hamburg Veterinary
Clinic

REFERRING VET

Dr. DenHeyer

INVOICE

10550ag

DATE

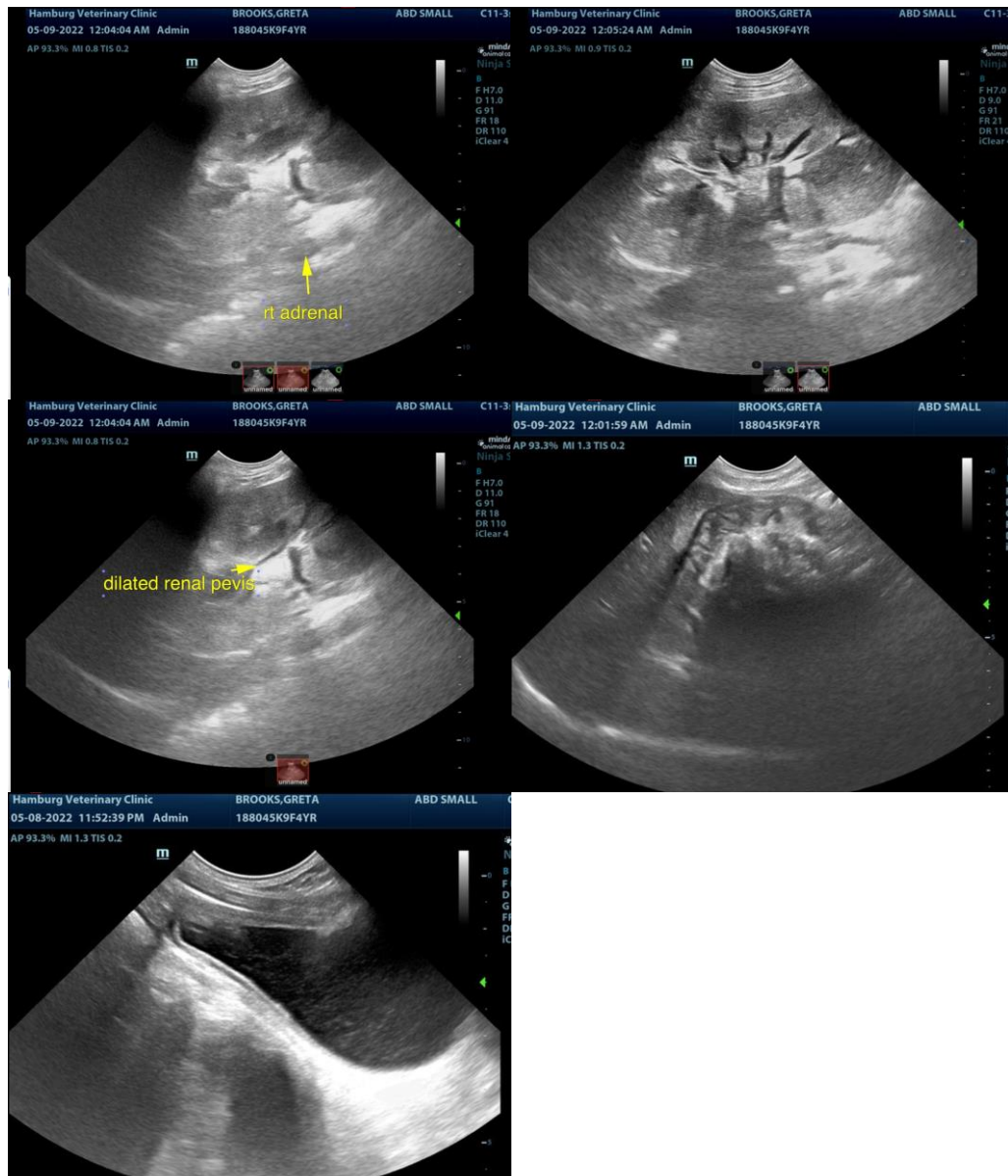
05/09/2022

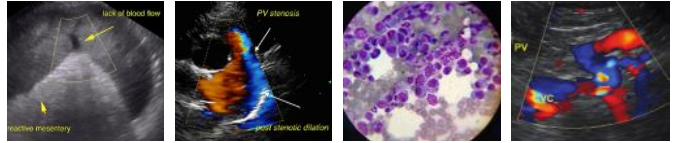
ULTRASONOGRAPHIC FINDINGS

- Aplastic left kidney
- Compensatory hypertrophy of the right kidney with pyelectasia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Causes of acute renal failure such as Addison's disease, protein losing nephropathy or Lyme nephritis are possible in this patient. A baseline cortisol or ACTH stim is warranted to rule out Addison's given the breed disposition. The right kidney appears to be adequately intact to maintain function therefore complicating factors such as acute renal insult, Addison's disease or UTI are all likely. Consider exposure to Leptospirosis/infectious, grape/raisin toxicity, alcohol/bread dough/ethylene glycol ingestion.





PATIENT

Greta Brooks

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.

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

Poodle

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

SEX

FS

AGE

4 years

WEIGHT

36.5 pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**
JK

HOSPITAL NAME

Hamburg Veterinary
Clinic

REFERRING VET

Dr. DenHeyer

INVOICE

10550ag

DATE

05/09/2022