

PATIENT

Tikka Heckler

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

13 Years

WEIGHT

5.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Brooklyn Heights VH

REFERRING VET

Dr. Thomson

INVOICE

36914

DATE

4/14/22

PRESENTING CLINICAL SIGNS

Renal disease - increased BUN/Crea over the last month. on k/D diet. History of pancreatitis - controlled BP 150-160mmHG Meds: Ursodiol 50mg Did; Azodyl Sid; Omega 3 (Eiocosa snip tips) 1 EOD Evaluate for renal disease, pyelonephritis, other. Labs, Radiographs, previous AUS attached.

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 **kidneys** presented moderate degenerative changes with slight pyelectasia. The right kidney measured 2.88 cm. The left kidney measured 2.68 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 right adrenal gland measured 1.72 cm x 0.39 cm at the caudal pole and 0.39 cm at the cranial pole. The left adrenal gland measured 1.56 cm x 0.43 cm at the caudal pole and 0.35 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 were noted.

Liver

The **liver** presented remodeling with hypoechoic nodular changes and hyperechoic biliary mineralization, non-obstructive at the time of the sonogram. The gallbladder presented minor micropolypoid changes and suspended debris. Suspended and dependent debris noted

Gastrointestinal

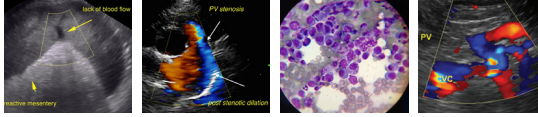
Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt 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

- Moderate degenerative renal change with pyelectasia
- Nodular hyperplasia liver pattern with biliary mineralization, similar to prior sonogram



PATIENT

Tikka Heckler

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

13 Years

WEIGHT

5.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Brooklyn Heights VH

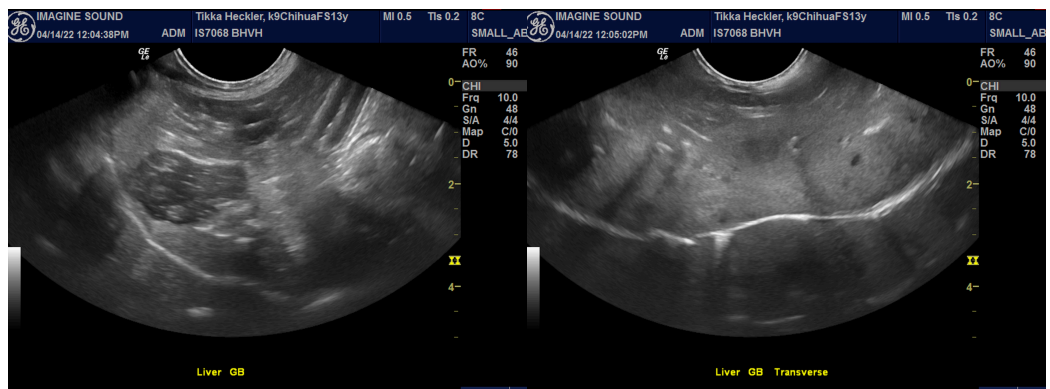
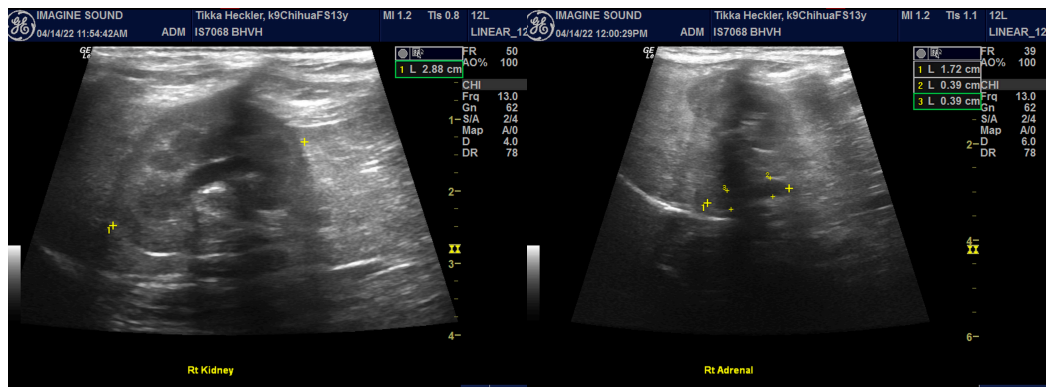
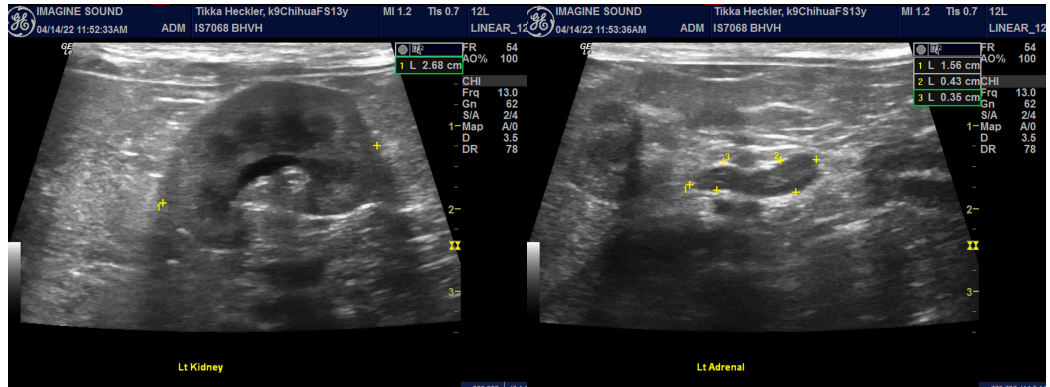
REFERRING VET

Dr. Thomson

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Continuation of Ursodiol therapy recommended as long-term management. The pyelectasia of the kidneys may be owing to scarring of the renal pelvis, or potential preventative UTI depending upon inflammatory sediment in the urine.

Radiographs: Biliary mineralization.

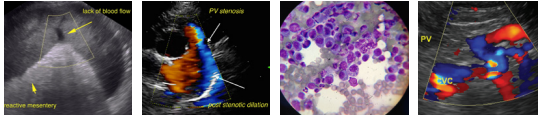


INVOICE

36914

DATE

4/14/22



PATIENT

Tikka Heckler

SPECIES

Canine

BREED

Chihuahua

SEX

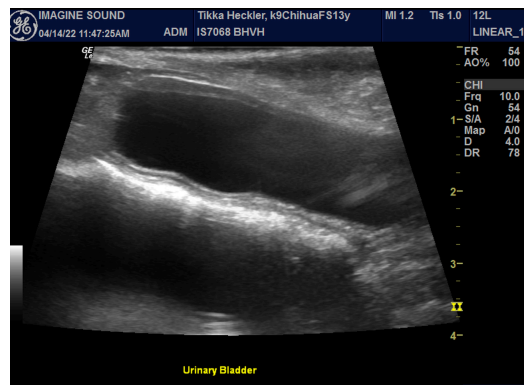
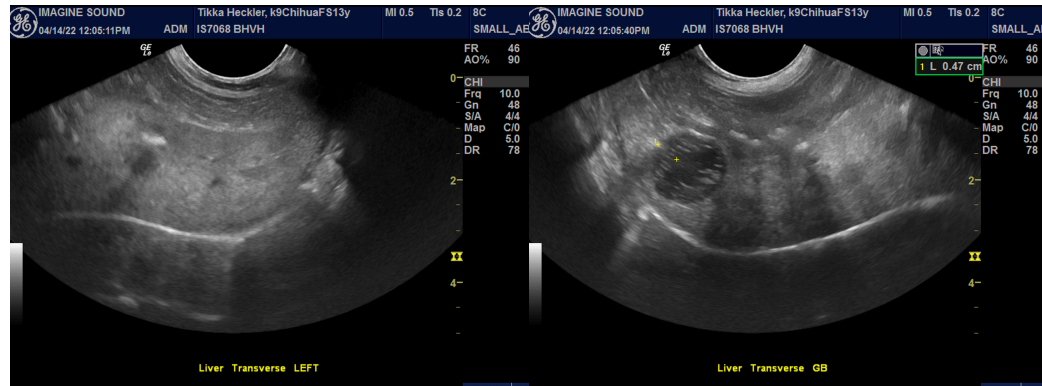
Spayed Female

AGE

13 Years

WEIGHT

5.5 Pounds



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Brooklyn Heights VH

REFERRING VET

Dr. Thomson

INVOICE

36914

DATE

4/14/22

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