



PATIENT

Squee Newell

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

14 years

WEIGHT

6.8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Markland

HOSPITAL NAME

Island Mobile Paws VS

REFERRING VET

Dr. Markland

INVOICE

92748

DATE

10/28/21

PRESENTING CLINICAL SIGNS

History: Squee presented on October 19th with a history of vomiting, decreased appetite, and constipation. PE was unremarkable other than a 3/6 murmur. Bloodwork showed mildly increased creatinine and SDMA (consistent with January, 2021 values) and increased GGT.
Abnormal PE/Chem/CBC/UA Results: 10/19/2021: SDMA 15 (0-14) Creatinine 261 (71-212) GGT 6 (0-4)

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** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 3.5 cm. The right kidney measured 3.88 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 0.35 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 cranial **liver** revealed a coalescing microcystic mass that measured 4.14 cm with impingement upon the diaphragm. Occasional hypoechoic nodule was noted in the remainder of the liver up to 0.98 cm. The mass is most consistent with cystadenoma. 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.



PATIENT

Gastrointestinal

Squee Newell

The stomach was filled with progressively shadowing material, I suspect hairball accumulation. The small intestines and colon were unremarkable.

SPECIES

Feline

Pancreas

BREED

Domestic Shorthair

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Liver mass. Most consistent with cystadenoma.

Chronic interstitial nephrosis renal pattern.

AGE

14 years

Otherwise, minor hepatic remodeling.

Probable hairball in the stomach.

WEIGHT

6.8 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The hepatic mass does not appear resectable and deviates the gallbladder caudally. The kidneys subjectively appear near end stage. Full urinary work-up is warranted if not already performed. The poor appetite may be owing to underlying hairball accumulation as well as renal disease.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Markland

HOSPITAL NAME

Island Mobile Paws VS

REFERRING VET

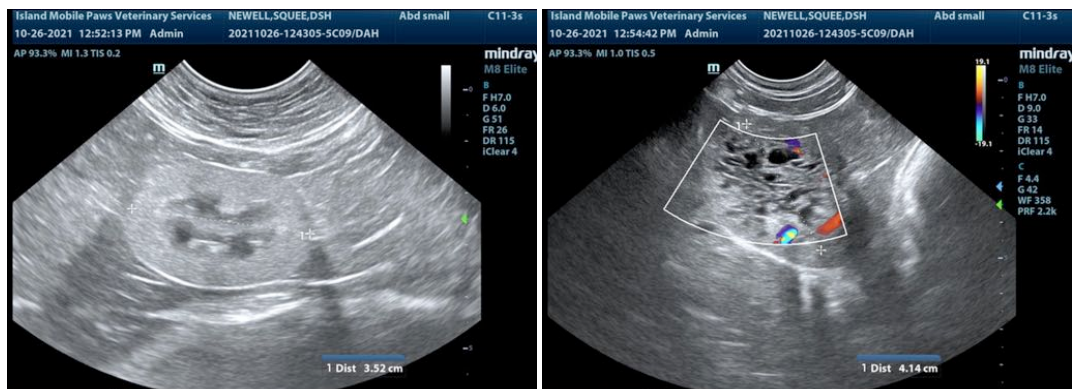
Dr. Markland

INVOICE

92748

DATE

10/28/21





PATIENT

Squee Newell

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

14 years

WEIGHT

6.8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Markland

HOSPITAL NAME

Island Mobile Paws VS

REFERRING VET

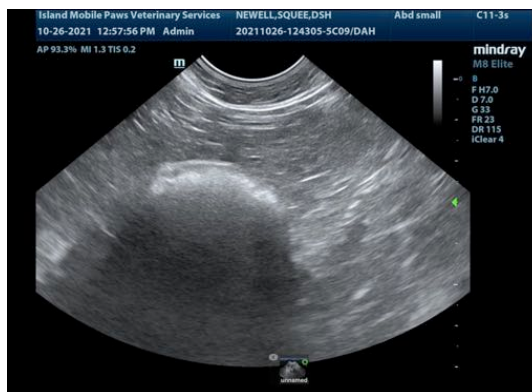
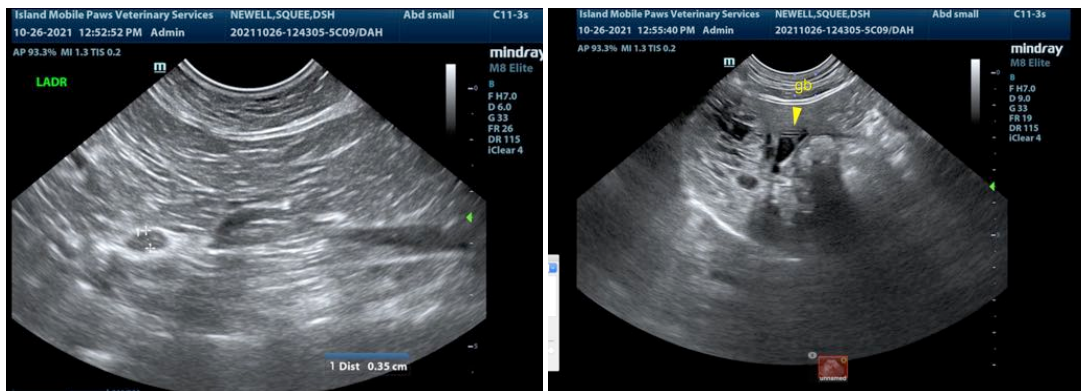
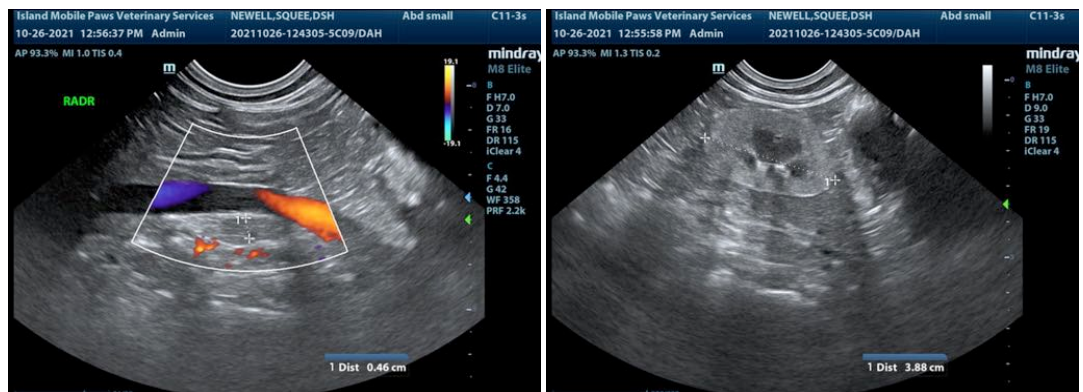
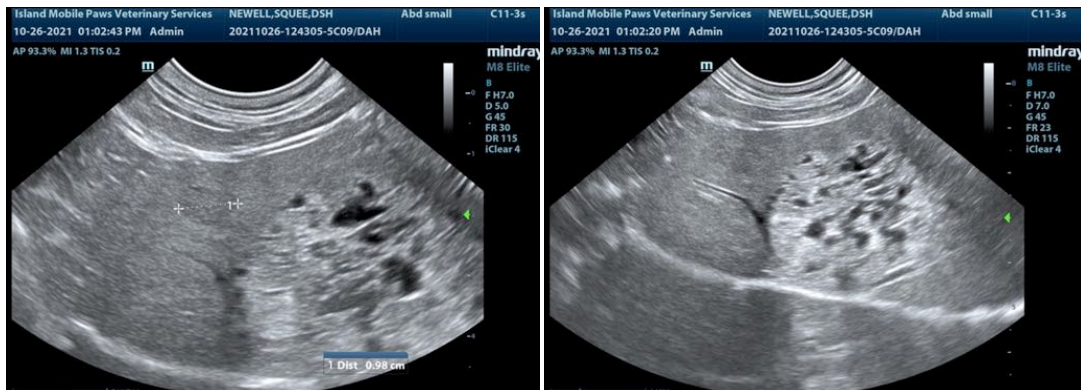
Dr. Markland

INVOICE

92748

DATE

10/28/21





PATIENT

Squee Newell

veterinarian. 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.

SPECIES

Feline

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

BREED

Domestic Shorthair

SEX

Neutered male

AGE

14 years

WEIGHT

6.8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Markland

HOSPITAL NAME

Island Mobile Paws VS

REFERRING VET

Dr. Markland

INVOICE

92748

DATE

10/28/21