



PATIENT

PRESENTING CLINICAL SIGNS

Dexter Parsell

History: 2 day history of anorexia and lethargy.

SPECIES

Abnormal PE/Chem/CBC/UA Results: Pet is jaundiced, depressed with fluid wave. Chem/CBC: high Tbil 3.8, high amylase 1553, high lipase 3139, non regenerative anemia of 26%, thrombocytopenia 52,000. Auto agglutination noted on saline test.

Feline

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

DLH

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A minor amount of debris was present in the bladder. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

SEX

Neutered Male

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 moderate and 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 was significantly enlarged consistent with degenerative changes as well as compensatory hypertrophy, measuring 5.53 cm. The right kidney was subnormal in size, measuring 2.2 cm.

AGE

12

WEIGHT

6.7

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 0.51 cm. The right adrenal gland measured 0.42 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed slight irregular contour yet volume contracted with uniform parenchyma.

IMAGING PERFORMED BY

Dr. Sheldon

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.

HOSPITAL NAME

Advanced PetCare of
Oakland

REFERRING VET

Dr. Sheldon

Gastrointestinal

The **gastrointestinal tract** was unremarkable. Curvilinear patterns were maintained.

INVOICE

18845

Pancreas

The **pancreas** was enlarged, irregular and heterogenous. Mixed echogenic parenchymal changes were noted throughout the region of the pancreas.

DATE

11/28/22



PATIENT

Free Abdomen

Dexter Parsell

A moderate amount of **free fluid** was noted. Echogenic irregular omentum was noted.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

- Enhanced irregular omentum was noted throughout the region of the pancreas with irregular pancreatic tissue, this combined with free fluid is strongly concerning for carcinomatosis, lymphomatosis, mastocytosis or similar.
- Moderate chronic degenerative renal changes with dystrophic right kidney and compensatory hypertrophy of the left kidney with interstitial nephrosis pattern. Subjectively, the kidneys appear near end stage.
- Volume contracted spleen

BREED

DLH

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

12

The liver structurally appears unremarkable. No evidence of post hepatic obstruction. Abdominocentesis and cytospin of the free fluid is recommended to assess for exfoliating neoplastic cells would be the next step. Paraneoplastic hemolytic anemia is a strong potential in this patient, causing bilirubin elevations.

WEIGHT

6.7

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Sheldon

HOSPITAL NAME

Advanced PetCare of
Oakland

REFERRING VET

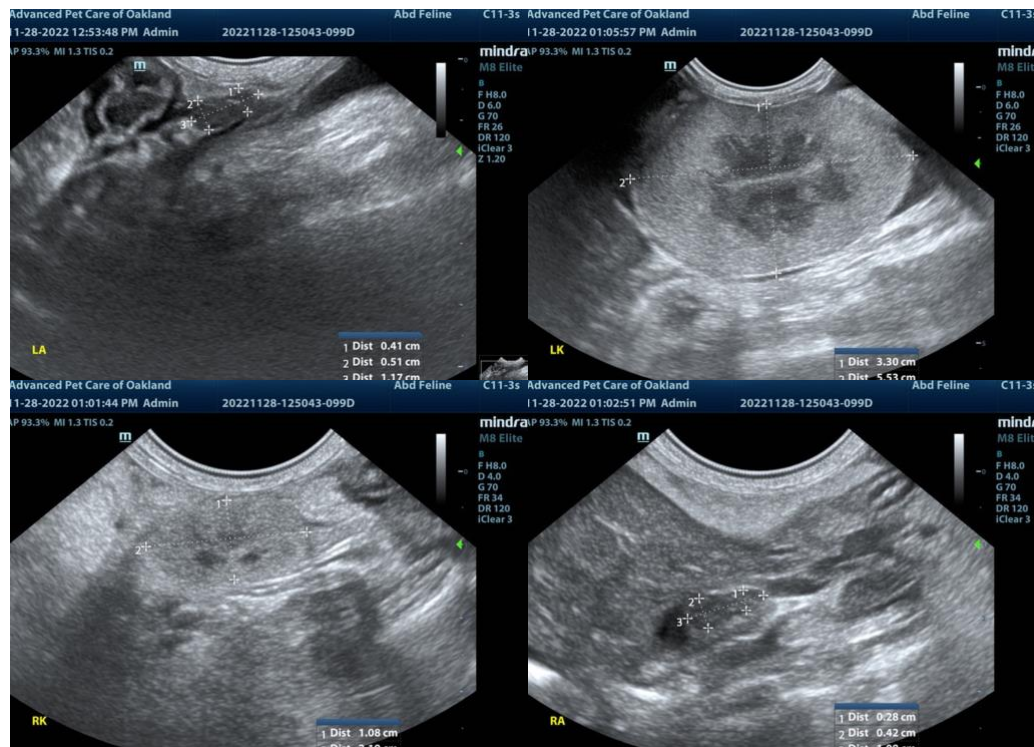
Dr. Sheldon

INVOICE

18845

DATE

11/28/22





PATIENT

Dexter Parsell

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

12

WEIGHT

6.7

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Sheldon

HOSPITAL NAME

Advanced PetCare of
Oakland

REFERRING VET

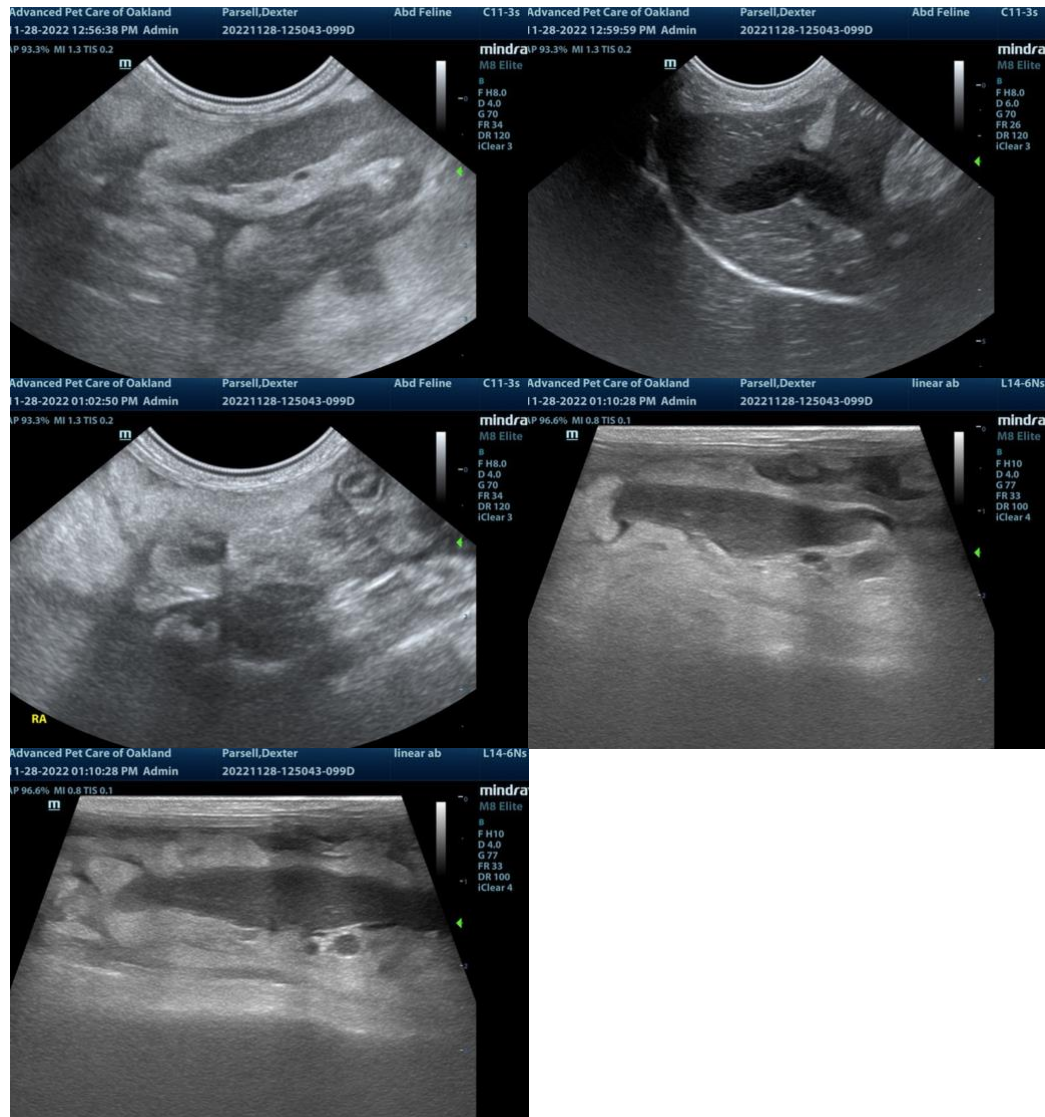
Dr. Sheldon

INVOICE

18845

DATE

11/28/22



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.

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