



PATIENT

Felix Provost

SPECIES

Canine

BREED

Cattle Dog Mix

SEX

Neutered male

AGE

10 years

WEIGHT

45 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Giroux

INVOICE

95371

DATE

1/18/22

PRESENTING CLINICAL SIGNS

On Vetoryl for Cushing's disease. Bloating abdomen, extreme PUPD per owner.. ACTH Stim WNL. Abnormal PE/Chem/CBC/UA Results: PE: Potbellied, BCS 6-7/9 ALP 3,217 ACTH normal RAD (attached): possible free fluid, poor serosal detail, hepatomegaly. UA via cysto today for C&S

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 residual prostate was uniform and measured 1.38 cm.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.89 cm. The right kidney measured 5.68 cm.

Adrenal Glands

The left **adrenal gland** was mildly enlarged and slightly irregular. The left adrenal gland was imaged from the left and right approaches. There was no evidence of caval invasion. Expansive irregular contour and phrenic vein invasion was noted deriving from the left adrenal gland. The right adrenal gland appears uniform and measured 1.51 cm at the cranial pole and 0.97 cm at the caudal 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 was noted.

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.



PATIENT

Gastrointestinal

Felix Provost

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.

SPECIES

Canine

BREED

Cattle Dog Mix

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Enlarged, irregular, partially invasive left adrenal gland invading the left phrenic vein, yet the vena cava appears free of evident pathology. This is most consistent with carcinoma or pheochromocytoma.

AGE

10 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

45 lbs

Left adrenalectomy is indicated. Adrenal dependent Cushing's is likely given the patient's history. There was no obvious evidence of metastatic disease.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

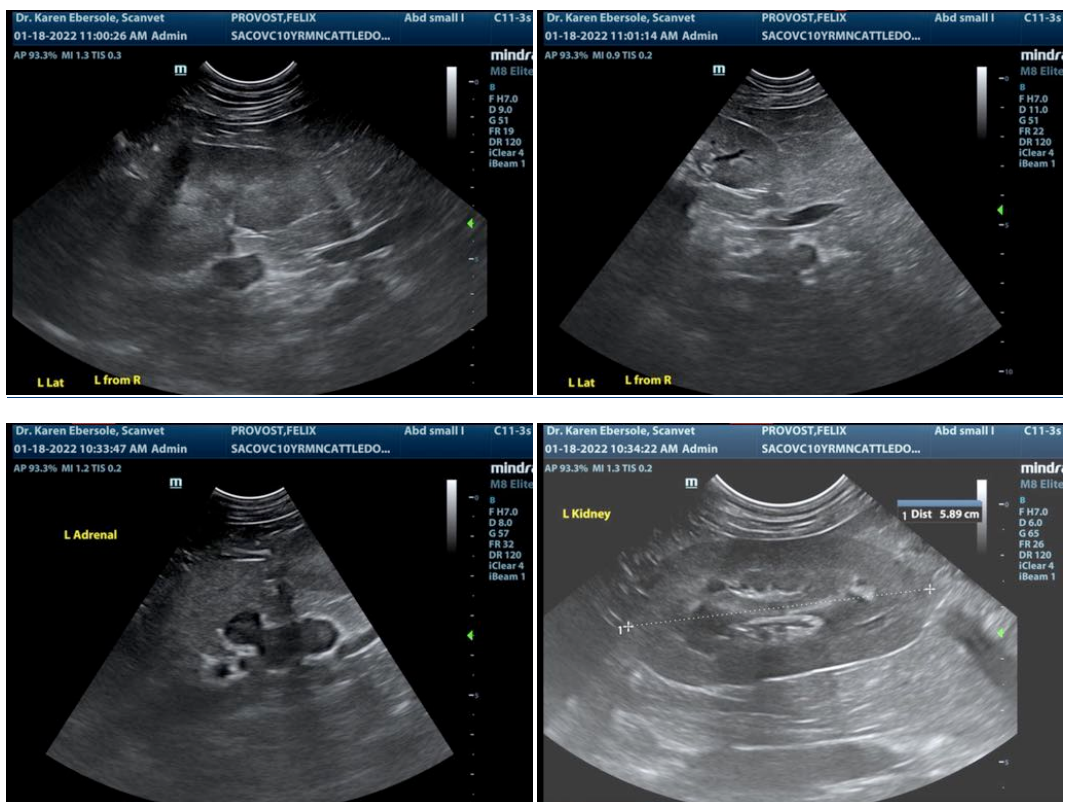
Dr. Giroux

INVOICE

95371

DATE

1/18/22





PATIENT

Felix Provost

SPECIES

Canine

BREED

Cattle Dog Mix

SEX

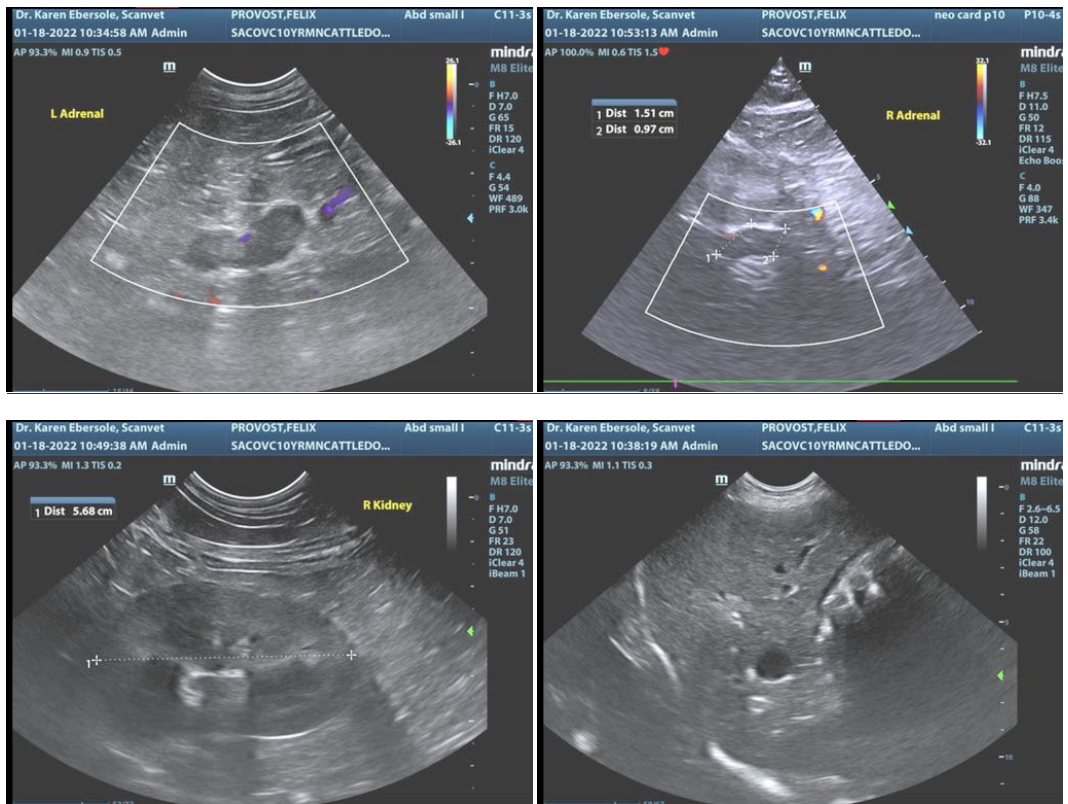
Neutered male

AGE

10 years

WEIGHT

45 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Giroux

INVOICE

95371

DATE

1/18/22

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