

PATIENT PRESENTING CLINICAL SIGNS

Po McCartney History: Splenomegaly, weight loss, dental disease

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Ferret **Urinary System**

BREED 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.

SEX

Neutered male 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 right kidney measured 3.54 cm. the left kidney measured 3.7 cm.

AGE

7 years

WEIGHT

2.9 lbs

Adrenal Glands

The right **adrenal gland** was mineralized, irregular and enlarged measuring 1.7 x 1.0 cm with impingement upon the vena cava. This is strongly consistent with carcinoma. The left adrenal gland was mildly enlarged and slightly nodular. The left adrenal gland measured 1.0 x 0.5 cm.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

Spleen

The **spleen** was mildly enlarged and slightly heterogenous. An isoechoic 1.66 x 0.67 cm nodule was noted in the mid cranial body. The spleen was folded upon itself caudally. Generalized enlargement was noted.

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Countryside Animal
Clinic

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. Cystic changes were noted in the liver. 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.

REFERRING VET

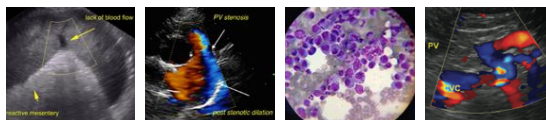
Dr. Cox

DATE

2/6/23

Invoice

42573



PATIENT

Gastrointestinal

Po McCartney

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted.

SPECIES

Ferret

BREED

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

Free Abdomen

AGE

Multi-focal lymph nodes were enlarged and measured up to 0.8 cm.

7 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

2.9 lbs

Mineralized right adrenal mass with impingement upon the vena cava, uniformly enlarged left adrenal gland with minor nodular changes.

Retention of ingesta in the stomach or hairball accumulation.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

Splenic enlargement.

Regional lymphadenopathy.

IMAGING PERFORMED BY

Jenna Walsh, CVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Right adrenal is likely carcinoma and likely adenoma of the left adrenal gland. There is a potential for emerging splenic/lymph node based lymphoma given the splenic enlargement versus lymphadenitis/reactive spleen. Resection of the right adrenal gland would likely be difficult given the impingement upon the vena cava and its irregular contour. However, this could be attempted; otherwise, medical management is likely best in this patient. FNA of the spleen can be considered to assess for underlying lymphoma. The prognosis is guarded depending on response to medical management.

HOSPITAL NAME

Countryside Animal
Clinic

REFERRING VET

Dr. Cox

DATE

2/6/23

Invoice

42573



PATIENT

Po McCartney

SPECIES

Ferret

BREED

SEX

Neutered male

AGE

7 years

WEIGHT

2.9 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Countryside Animal
Clinic

REFERRING VET

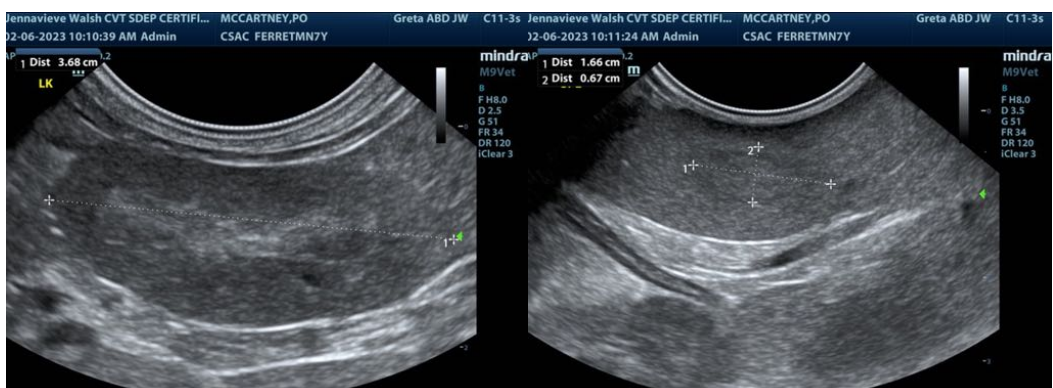
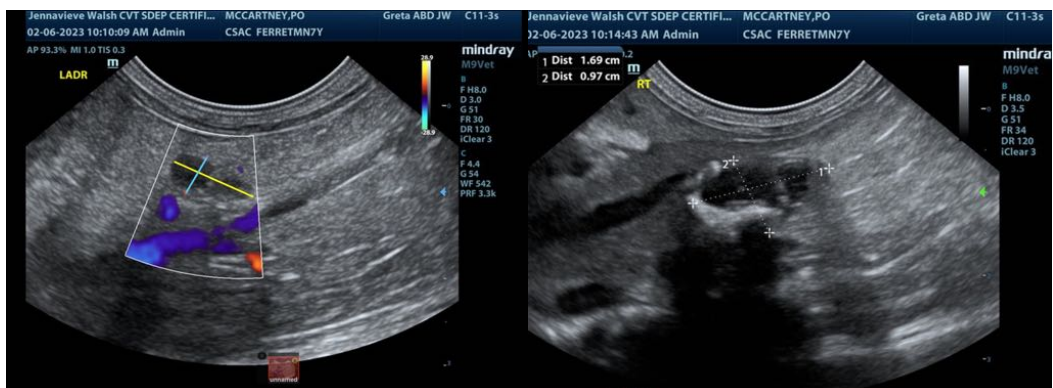
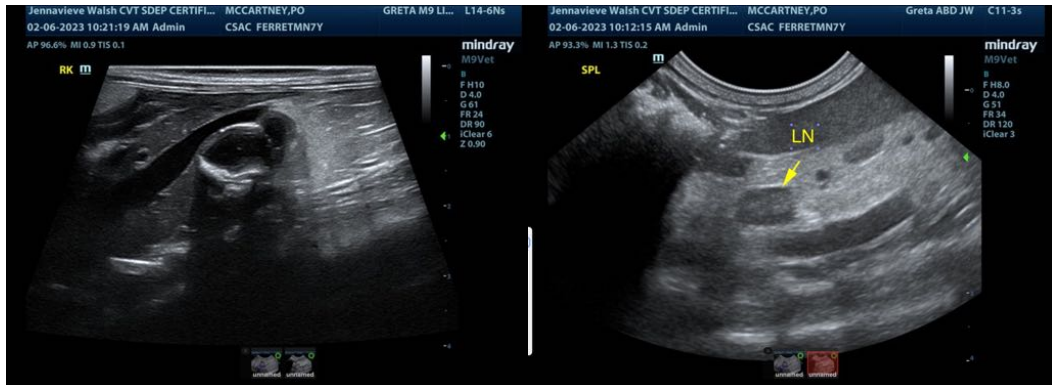
Dr. Cox

DATE

2/6/23

Invoice

42573





PATIENT

Po McCartney

SPECIES

Ferret

BREED

SEX

Neutered male

AGE

7 years

WEIGHT

2.9 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Countryside Animal
Clinic

REFERRING VET

Dr. Cox

DATE

2/6/23

Invoice

42573



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

Eric.Lindquist@SonoPath.com