



**PATIENT PRESENTING CLINICAL SIGNS**

Ace Stafford Adrenal disease, elevated liver and pancreatic enzymes. Current meds: Pred  
 Abnormal PE/Chem/CBC/UA Results: MCHC 31, Neut 1260, Glucose 10, ALT 1017, Alk Phos 120, BUN 37, Phos 3.3

**SPECIES**

Ferret

**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.

**BREED**

**SEX**

Neutered male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Slight, anechoic cysts were noted. The left kidney measured 3.27 cm. The right kidney measured 2.96 cm with a 0.5 cm anechoic cyst.

**AGE**

5 years

**WEIGHT**

971 kg

**Adrenal Glands**

The **adrenal glands** were at the upper limits of normal. The left adrenal gland measured 0.36 x 0.68 cm. The right adrenal gland measured 0.88 x 0.36 cm.

**INTERPRETED BY**

Eric Lindquist, DMV  
 DABVP, Cert. IVUSS

**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.

**IMAGING PERFORMED BY**

Jessica Miller, RDMS

**Liver**

The **liver** revealed coarse architecture with increased portal markings. The gallbladder and common bile duct were unremarkable.

**HOSPITAL NAME**

Companion AH  
 Parsippany

**REFERRING VET**

Dr. Wolf

**INVOICE**

94792

**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.

**DATE**

12/21/21



**PATIENT**

**Pancreas**

Ace Stafford

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.

**SPECIES**

Ferret

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Non-specific chronic inflammatory hepatopathy.

Right renal cyst.

Prominent adrenal glands.

**SEX**

Neutered male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There was no evidence of neoplasia. FNA of the liver would be warranted for further definition.

**AGE**

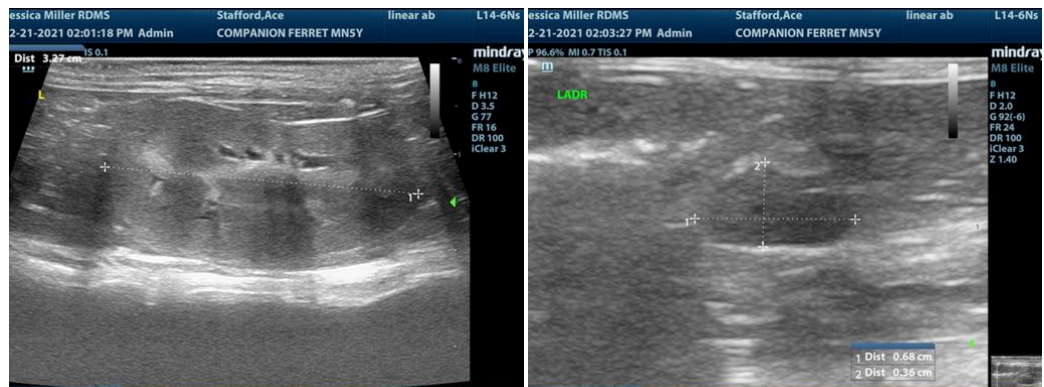
5 years

**WEIGHT**

971 kg

**INTERPRETED BY**

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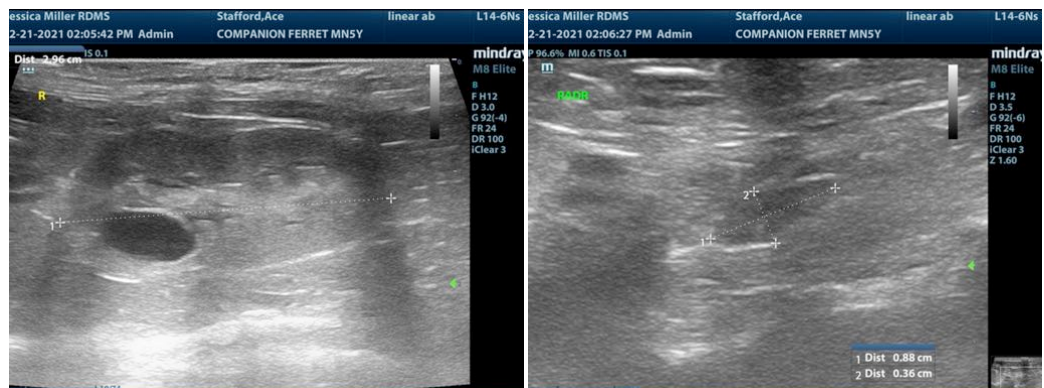
Jessica Miller, RDMS

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**PATIENT**

Ace Stafford

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**BREED**

**SEX**

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**AGE**

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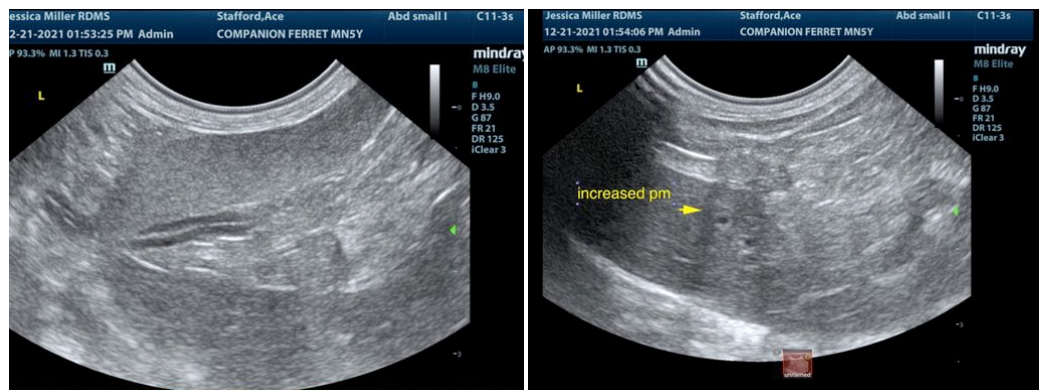
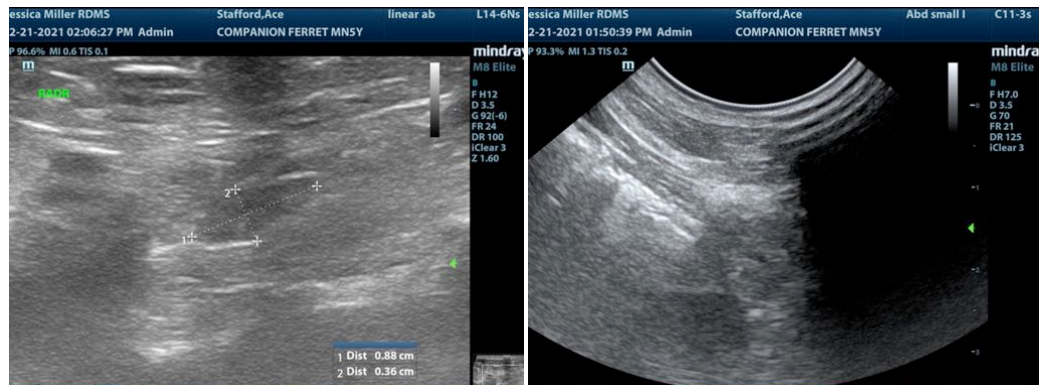
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**  
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