



**PATIENT**

Skippy Chrust

**SPECIES**

Canine

**BREED**

Affenpinscher

**SEX**

Neutered male

**AGE**

13 years

**WEIGHT**

8.2 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

JK

**HOSPITAL NAME**

Hamburg VC

**REFERRING VET**

Dr. DenHeyer

**INVOICE**

42290

**DATE**

11/2/22

**PRESENTING CLINICAL SIGNS**

History: Weight loss, history of pancreatitis, previous ultrasound 2/7/22  
Abnormal PE/Chem/CBC/UA Results: Blood NSF

**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** 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 his age patient. Medullary structure differed distinctly from that of the cortex. Smaller, occasional cortical cysts were noted in the kidneys. The left kidney measured 3.44 cm. The right kidney measured 4.5 cm with pyelectasia and a 0.8 cm anechoic cyst in the dorsal cortex.

**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 1.08 x 0.33 cm. The right adrenal gland measured 1.78 x 0.41 cm.

**Spleen**

The region of the **splenic** fossa was unremarkable and the spleen was not visible.

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.

**Gastrointestinal**

The **gastric** wall revealed mucosal thickening and empty lumen. The muscularis and submucosal layers were intact. The small intestine and colon were unremarkable.



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**Pancreas**

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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**

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Affenpinscher

Thick, renal cortices with mild to moderate degenerative changes.

Chronic gastritis pattern.

**SEX**

Neutered male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

I cannot rule out emerging neoplasia in the gastric wall. Endoscopy is indicated as the pathology appears to be mucosal. Urinalysis work-up is warranted.

**AGE**

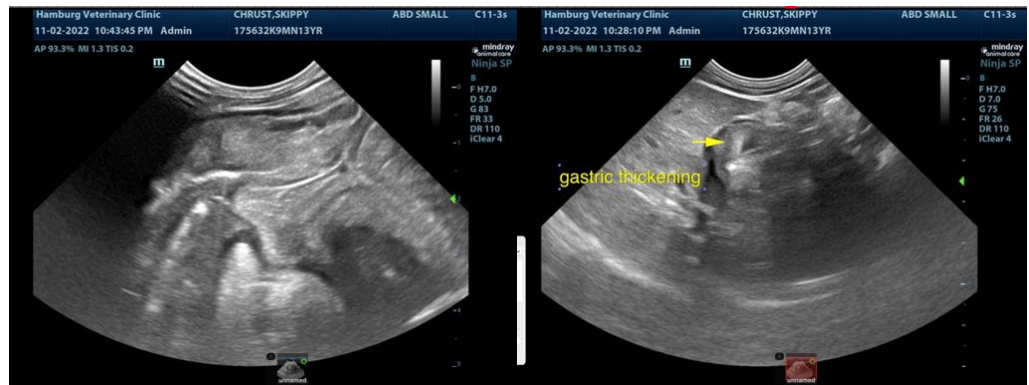
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
info@SonoPath.com