

**DATE**

10/21/22

PRESENTING CLINICAL SIGNS

History: Problems: Renal Failure, Urinary tract Infection, Possible mass effect
 Anemia—stable, Skin irritation. Progress: 10/19 Crea 6.7, BUN 142, 10/20 Creat 5.7 ,BUN 144. Urine culture out, Eating, Tolerating IVF

PATIENT

Doc Schindler

Current Medications: Clavamox, Buprenorphine, Cerenia, Zeniquin.

Lab Results: See attached.

SPECIES

Feline

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

BREED

Imaging Performed By: Andi Parkinson, BS, RDMS.

Maine Coon

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX**

Neutered Male

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 were noted. Ureteral papillae were normal.

AGE

5/1/2006

The **kidneys** were enlarged, irregular with cortical hypoechoic nodules. The right kidney measured 5.8 cm. The left kidney measured 5.0 cm. Regional inflammatory pattern was noted around both kidneys.

WEIGHT

14.6 Pounds

Adrenal GlandsThe regions of the **adrenal glands** revealed no evident pathology.**Spleen**The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.**INTERPRETED BY**Eric Lindquist, DMV
DABVP, Cert. IVUSS**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild 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 presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. A hypoechoic nodule was noted in the left medial liver, measuring 1.09 cm. Other iso- to hypoechoic nodules were noted in the liver. The transdiaphragmatic view revealed comet tail lung pattern.

HOSPITAL NAMEAnimal Emergency
Hospital**REFERRING VET**

Dr. Willer

GastrointestinalThe **gastrointestinal tract** revealed multifocal areas of infiltrative disease. Wall thickness measured up to 1.6 cm. Regional inflammatory pattern was noted around the intestinal pathology.**INVOICE**

17844

Pancreas

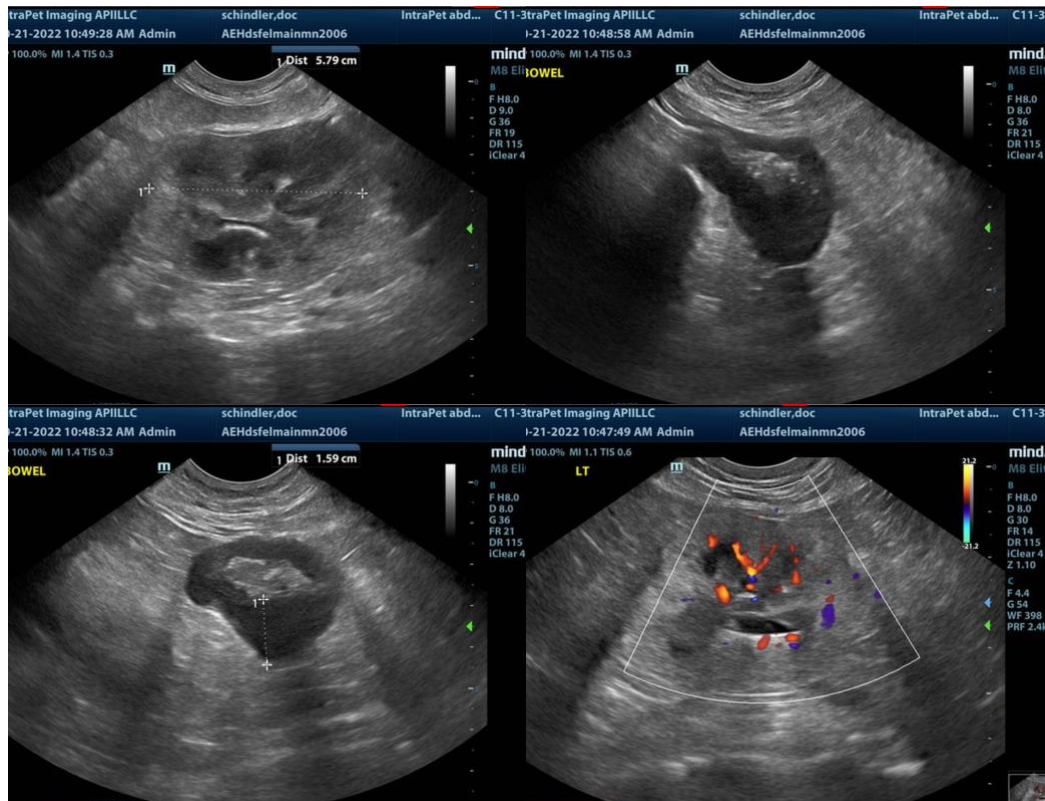
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some mild parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected. Regional inflammation was noted around the pancreas.

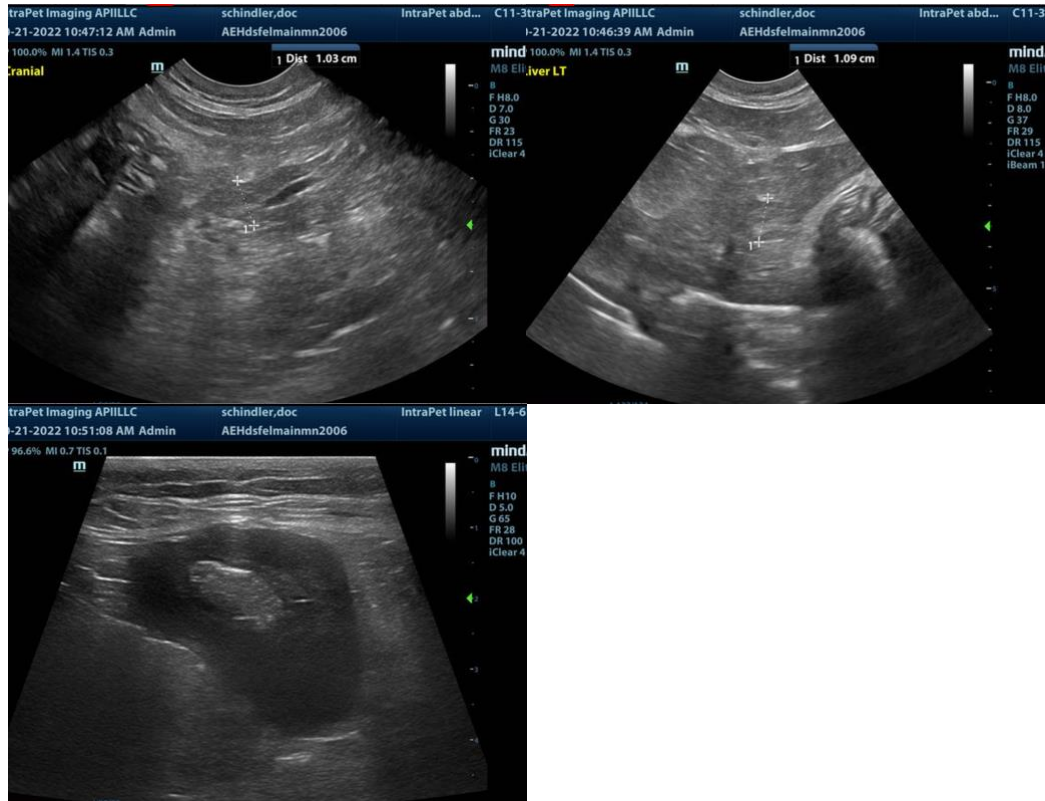
ULTRASONOGRAPHIC FINDINGS

- Renal infiltrative pattern with intestinal neoplasia, hepatic metastatic pattern
- Comet tail lung pattern in the diaphragm
- Age-related pancreatic changes
- Volume contracted spleen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multicentric round cell neoplasia, involving primarily kidneys, intestine and liver. Prognosis is poor. FNA of the lesions with immediate chemotherapeutic intervention and supportive protocol is indicated.





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