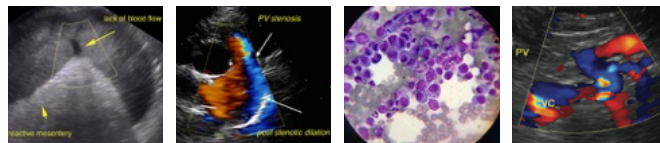
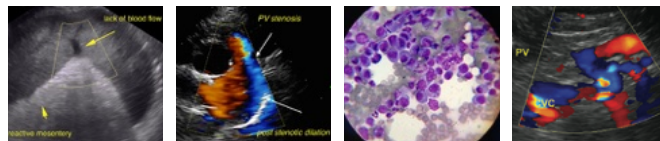


PATIENT	PRESENTING CLINICAL SIGNS
Boomer Pake	Fever of unknown origin. Diagnosed and managed diabetic. Abnormal PE/Chem/CBC/UA Results: UA Sg -1030 no ketones
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Feline	Urinary System
BREED	The urinary bladder was distended in size with anechoic urine, and moderate nondependent particulate sediment which may indicate cellular debris/protein crystalline debris, lipid, or mucus. Normal urinary bladder wall without evidence of inflammatory mural criteria. No urinary bladder tumors. Overtly normal proximal urethra structure and tone depth of 2 cm.
DMH	
SEX	The area of the aortic trifurcation was free of pathology.
Neutered Male	
AGE	Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. A mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. Variable hyperechoic concurrent medullary parenchyma with indistinct hyperechoic medullary striations to thickened medullary rim sign. No pyelectasia was noted bilaterally. The left kidney measured 4.5 cm in length. The right kidney measured 4.3 cm in length.
13	
WEIGHT	
7 kg	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.37 cm The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.46 cm.
IMAGING PERFORMED BY	Spleen
Dr. Belan	The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.
HOSPITAL NAME	Liver/ Gallbladder
Fish Creek Veterinary Clinic	The liver was subjectively normal in size, structure, and contour. A solitary mildly irregular non-homogenous cystic intraparenchymal nodule was noted in the deep mid liver, measuring 2.4 cm in diameter. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.
REFERRING VET	
Dr. Johnson	
INVOICE	The gallbladder was non-distended in size without evidence of inflammatory criteria. Anechoic content was present in the common bile duct without evidence of mucus or calculi. The common bile duct was dilated and tortuous without overt post-hepatic obstruction. The common bile duct measured 0.30 cm in diameter.
10292	
DATE	Gastrointestinal
6/29/23	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.



PATIENT	The small intestine presented intact mildly prominent wall layering owing to subjective propensity for segmental to generalized mildly prominent muscularis layer. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. The duodenum wall measured 0.22 cm in width. The jejunum wall measured up to 0.30 cm in width. The ileocolic wall measured 0.43 cm in width.
Boomer Pake	
SPECIES	Normal visible colon wall layers were present with apparent formed feces in lumen.
Feline	
BREED	Pancreas
DMH	The pancreas was normal in size and contour with isoechoic to mildly heterogeneous parenchyma compared to adjacent omentum. Mild left limb pancreatic duct dilation. No signs of active inflammation or neoplasia.
SEX	Free Abdomen
Neutered Male	Intermittent, minor, mildly prominent to enlarged mesenteric nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). Example of a lymph node measured 1.5 cm in diameter. No omental masses or peritoneal free fluid.
AGE	
13	
WEIGHT	ULTRASONOGRAPHIC FINDINGS
7 kg	Primary Findings
INTERPRETED BY	<ul style="list-style-type: none"> • Chronic pancreatitis • Intact mildly prominent small bowel wall • Cystic non-homogenous hepatic intraparenchymal nodule – sonographically consistent with benign biliary cystadenoma • Non-specific chronic renal changes exhibiting mild non-uniform increase corticomedullary echogenicity. • Mild non-obstructive proximal common bile duct dilation – patient variant but potential for mild cholangitis. • Distended urinary bladder with moderate urinary bladder sediment. • Intermittent, mild sonographically benign mesenteric lymph nodes
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	
IMAGING PERFORMED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Dr. Belan	Urine C/S on sterile urine sample is recommended especially if evidence of inflammatory sediment on urinalysis and given the history of diabetes. Assessment for evidence of cranial abdominal or subxiphoid discomfort on palpation which may allude to chronic pancreatitis. Although potential for patient variant the small intestine exhibited mild mural changes which may potentially suggest emerging or low-grade inflammatory criteria. No overt evidence of gastrointestinal neoplastic criteria or additional intraabdominal pathology as an obvious cause of the fever of unknown origin.
HOSPITAL NAME	
Fish Creek Veterinary Clinic	
REFERRING VET	
Dr. Johnson	
INVOICE	
10292	
DATE	
6/29/23	



PATIENT

Boomer Pake

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

13

WEIGHT

7 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Fish Creek
Veterinary Clinic

REFERRING VET

Dr. Johnson

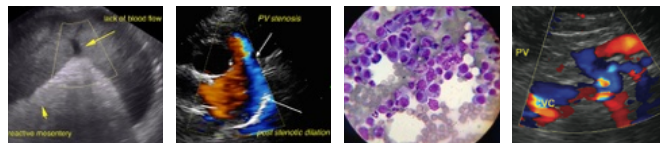
INVOICE

10292

DATE

6/29/23





PATIENT

Boomer Pake

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

13

WEIGHT

7 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Fish Creek
Veterinary Clinic

REFERRING VET

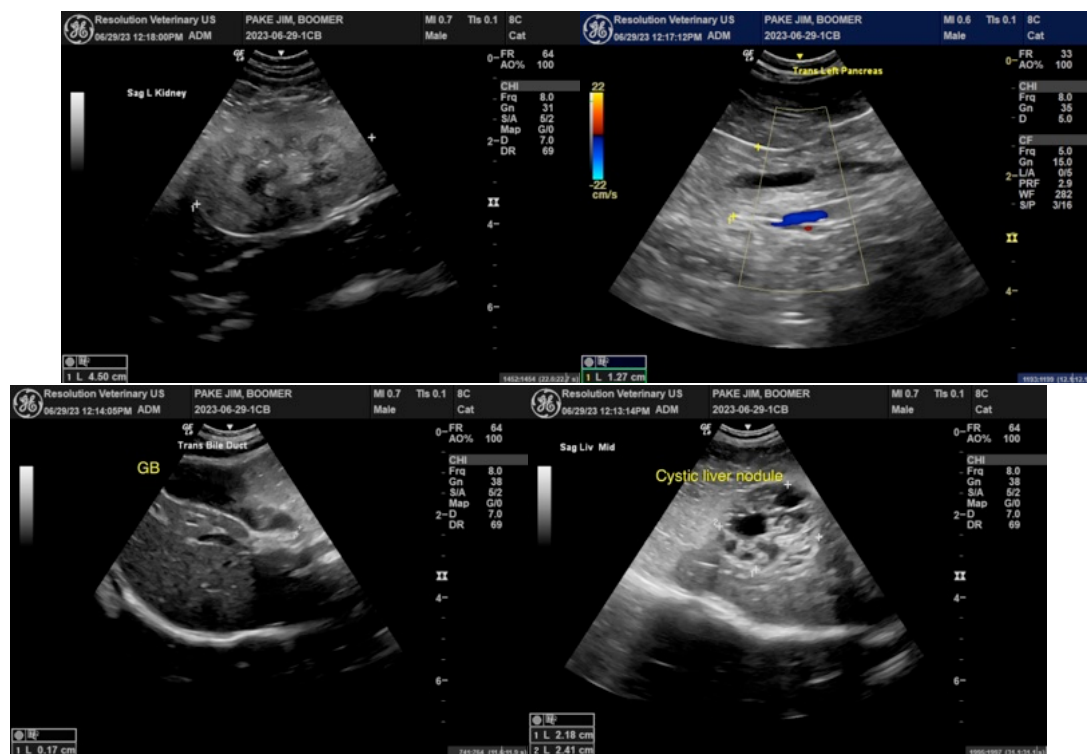
Dr. Johnson

INVOICE

10292

DATE

6/29/23



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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com