



PATIENT	PRESENTING CLINICAL SIGNS
Amber Brancato	<p>History: multicat home with recent addition of 5 foster kittens/cats within the last months time. A few weeks ago hematuria treated at another hospital. urine culture was negative. bloodwork showed stage 3/4 renal disease. patient treated with Clavamox 62.5 mg 1 po bid for 7 days and improved but symptoms of dysuria and hematuria returned after off meds for 7 days previous history of inappropriate urinations and hematuria in past years. patient with chronic renal disease last few years 9/27/21 BCS 2.5/5, unkempt haircoat. no major findings blood pressure 140-160 range 9/27/21 UA sg 1.018, pH=6, 3+protein, 3+ occult blood, 4-10 rbc/hpf. urine culture pending abdomen/whole body xrays: small misshapen kidneys, mild bronchial pattern, normal urinary bladder 9/18/21 CBC/chem: increased bun-74, increased creat=3.9, increased na-19, increased chole-289 UA: sg 1.020, pH=5.5, 3_ prpt, 3+ occult blood, 2-3 WBC/hpf, 4-10 RBC/hpf 3/10/21 increased bun-61, increased creat-3.2, increased chole-293, increased trigl-177, T4=2.3, UA sg 1.020, ph-5.5, 1+ prot, 3_ occul blood, 21-50 rbc/hpf, renal tech positive</p>
SPECIES	
Feline	
BREED	
Domestic Shorthair	
SEX	
Spayed Female	
AGE	
15 years	
WEIGHT	
7 lbs	
INTERPRETED BY	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Eric Lindquist, DMV DABVP, Cert. IVUSS	<p>Urinary System</p> <p>The urinary bladder revealed mural remodeling and slight polypoid changes. Slight mineralization was noted in the kidneys.</p> <p>The kidneys presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 2.9 cm. The right kidney measured 3.0 cm. An infarct was noted at the dorsal cortex of the right kidney.</p>
IMAGING PERFORMED BY	Adrenal Glands
Dr. White	<p>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 was visualized and measured 0.5 cm.</p>
HOSPITAL NAME	Spleen
Lone Mountain AH	<p>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.</p>
REFERRING VET	Liver
Dr. White	<p>The liver revealed multi-focal, subjectively benign, cystic changes. This is consistent with cystadenoma. The liver was mildly enlarged with slight coarse architecture. The gallbladder was unremarkable.</p>
INVOICE	
92059	
DATE	
9/29/21	



PATIENT

Amber Brancato

Gastrointestinal

SPECIES

Feline

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.

BREED

Domestic Shorthair

Pancreas

SEX

Spayed Female

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some 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 subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

AGE

15 years

ULTRASONOGRAPHIC FINDINGS

Cystadenomatous liver changes with geriatric abdomen.

WEIGHT

7 lbs

Slight heterogenous pancreatic changes.

Mild to moderate chronic interstitial nephrosis pattern with cortical infarcts and slight pinpoint mineralization.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Idiopathic cystitis, bacterial involvement.

IMAGING PERFORMED BY

Dr. White

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Passage of calculi may have been in this patient's recent history. Environmental factors may be playing a role. Supportive care for renal insult should prove effective in this patient. The kidneys do not appear end stage.

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

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SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

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WEIGHT

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INTERPRETED BY

Eric Lindquist, DMV
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IMAGING PERFORMED BY

Dr. White

HOSPITAL NAME

Lone Mountain AH

REFERRING VET

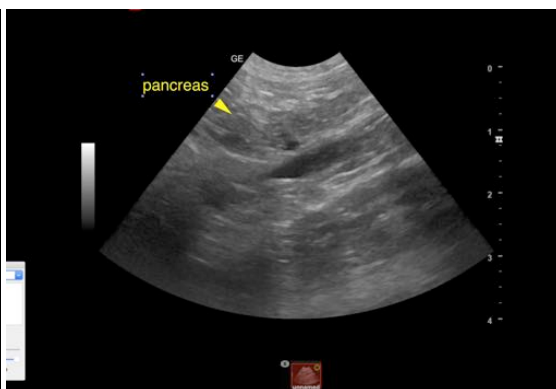
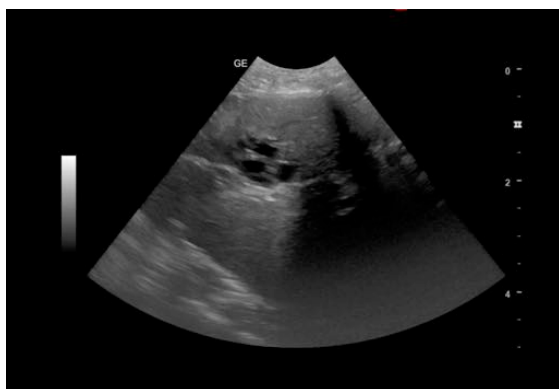
Dr. White

INVOICE

92059

DATE

9/29/21





PATIENT

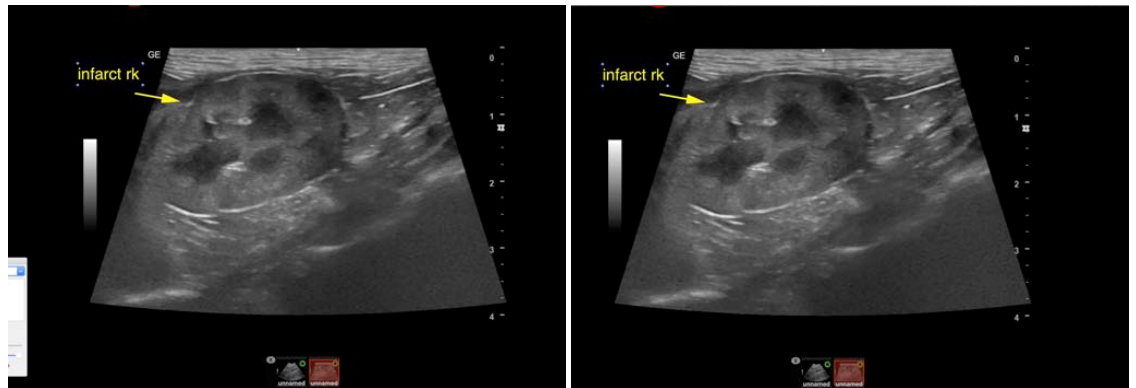
Amber Brancato

SPECIES

Feline

BREED

Domestic Shorthair



SEX

Spayed Female

AGE

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WEIGHT

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**IMAGING
PERFORMED BY**

Dr. White

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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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