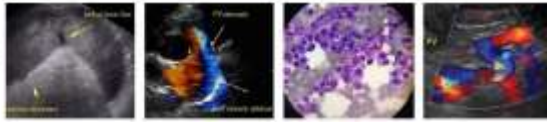




PATIENT	PRESENTING CLINICAL SIGNS
Poco Ingram	Hematuria and inappropriate urination. No current meds.
SPECIES	Abnormal PE/Chem/CBC/UA Results: Bloodwork NSF. U/A 4+ blood and Sp Grav 1.023
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
Petite Griffon	The urinary bladder presented uniformly thickened primarily ventral and apical urinary bladder walls. The luminal margin of the thickened urinary bladder wall was mildly asymmetrical in contour. Ventral apical urinary bladder wall thickness measured 0.74 cm width. No evidence of mural mineralization was present. The trigone, cystourethral junction, and proximal urethra were sonographically unremarkable. The proximal urethra measured 0.39 cm in width. The potential for minor dependent accumulated particulate sediment, which may indicate cellular debris, protein, crystalline debris, or mucus, was present. The ureteral papillae were normal. The ureters were not visible which is normal.
SEX	
Spayed Female	
AGE	The area of the aortic trifurcation was free of pathology.
15 years	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Minor dystrophic medullary mineralization was present. Small cortical cysts were present in the right kidney. No evidence of pelvic dilation was present. The left kidney measured 5.2 cm in length. The right kidney measured 6.1 cm in length.
WEIGHT	
15.3 kg	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP	The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 1.7 cm length x 0.62 cm width in the caudal pole. The right adrenal gland measured 2.1 cm length x 0.58 cm width in the caudal pole.
IMAGING PERFORMED BY	Spleen
Crystal Hill	A mass subjectively in the caudolateral spleen with secondary asymmetrical capsule expansion and disruption was present and measured approximately 6.6 cm in diameter. The parenchyma of the mass was heterogeneous to mixed echogenic with areas of cavitation. The non-affected spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Associated regional perisplenic reactive mesentery was present. No overt evidence of splenic mass rupture or peritoneal effusion was noted.
HOSPITAL NAME	
Southside AC	
REFERRING VET	
Dr. Kennedy	
INVOICE	Liver/ Gallbladder
12139	The liver was subjectively normal in size, structure, and contour. 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. Intermittent, subtle, hypoechoic parenchymal nodules were present in the liver. An example measured 1.7 cm in diameter.
DATE	
8/17/21	



PATIENT

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Poco Ingram

Gastrointestinal

SPECIES

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild, echogenic, nonshadowing ingesta most consistent with post prandial presentation without signs of ileus, obstruction or foreign material.

Canine

BREED

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

Petite Griffon

Normal visible colon wall layers were present with apparent formed feces in lumen.

SEX

Pancreas

Spayed Female

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. This is likely indicative of age-related pancreatic changes and is considered incidental. No signs of active inflammation or neoplasia.

AGE

15 years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

15.3 kg

Rapid view of the heart revealed no overt evidence of pericardial effusion or metastasis.

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

Primary Findings

R. McKenzie Daniel,
DVM, DABVP

- Mild asymmetrical thickening of the ventral to apical urinary bladder wall with minor echogenic particulate sediment
- Bilateral chronic renal changes with minor dystrophic medullary mineral and right kidney cortical cysts
- Cavitated to cystic splenic mass
- Subtle hypoechoic hepatic nodules

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Southside AC

Secondary Findings

- Mild retained gastric ingesta / chyme

REFERRING VET

Dr. Kennedy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The splenic mass may indicate hematoma, hyperplasia, hematopoiesis, cystic granuloma, with neoplasia such as sarcoma favored.

INVOICE

12139

The subtle hepatic nodules, although not definitive, may suggest focal subtle areas of hematopoiesis or nodular to regenerative hyperplasia. The possibility of metastasis to the liver is considered less likely yet cannot be definitively excluded.

DATE

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PATIENT

Poco Ingram

The overall pattern of urinary bladder thickening may suggest cystitis. However, the possibility of neoplastic urinary bladder mural disease cannot be definitively excluded. If not done, urine culture and sensitivity on a sterile urine sample is suggested. Screening BRAF Assay may be considered. No overt evidence of renal pathology i.e., neoplasia, pyelonephritis, or other.

SPECIES

Canine

Assuming no evidence of pathology on three view chest radiographs, splenectomy, gross inspection of the liver, and urinary bladder biopsies may be considered.

BREED

Petite Griffon

SEX

Spayed Female

AGE

15 years

WEIGHT

15.3 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Southside AC

REFERRING VET

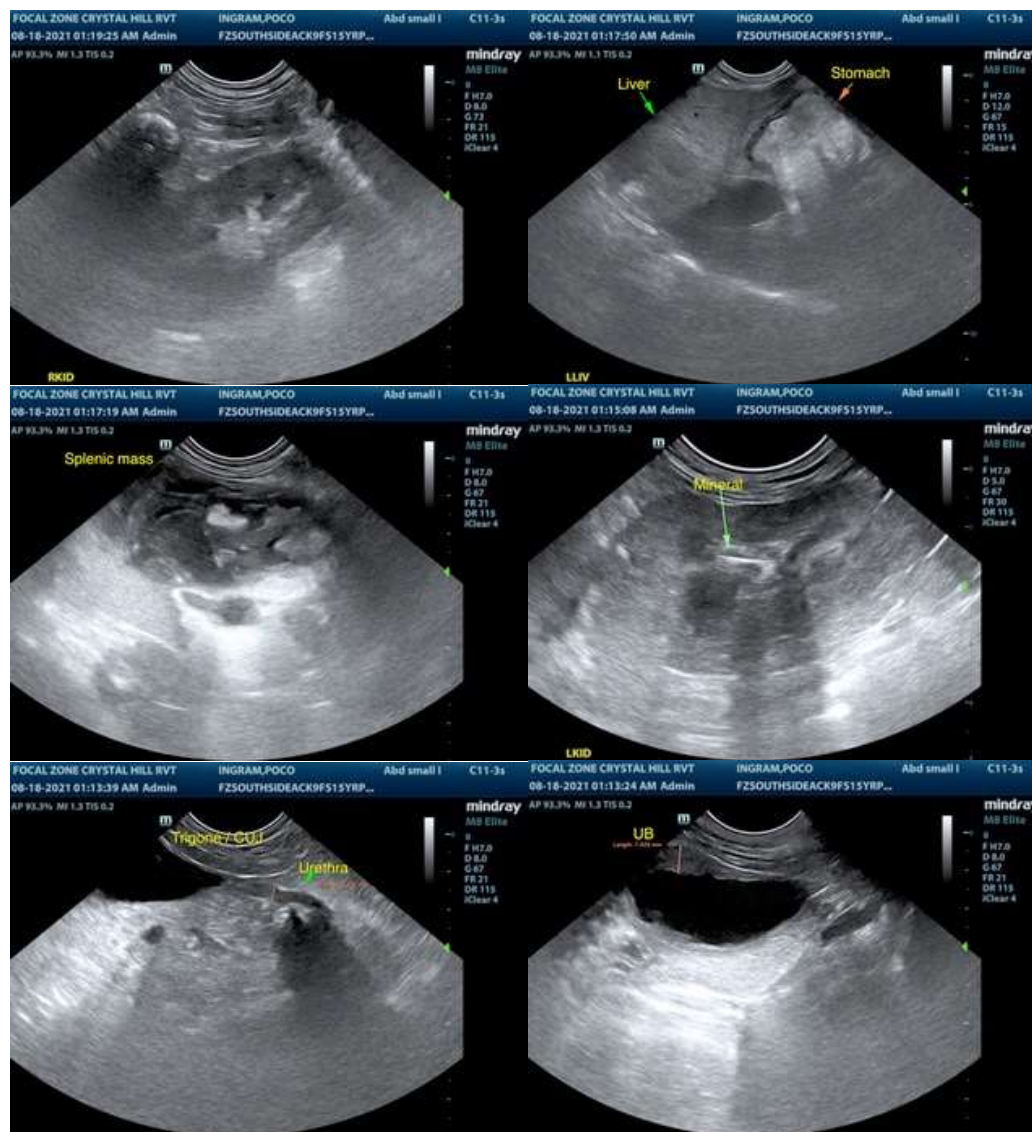
Dr. Kennedy

INVOICE

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DATE

8/17/21





PATIENT

Poco Ingram

SPECIES

Canine

BREED

Petite Griffon

SEX

Spayed Female

AGE

15 years

WEIGHT

15.3 kg

INTERPRETED BY

R. McKenzie Daniel,
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IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Southside AC

REFERRING VET

Dr. Kennedy

INVOICE

12139

DATE

8/17/21



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.

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