



PATIENT

Mr. Bungle Wallace

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

11 Years

WEIGHT

19 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Diane McFadden

HOSPITAL NAME

All Creatures G & S,
Denville

REFERRING VET

Dr. Ashmore

INVOICE

20423

DATE

1/6/23

PRESENTING CLINICAL SIGNS

History: anorexia vomiting, hx of megacolon. rads unremarkable. on lactulose, MiraLAX, Cerenia, Mirataz.

Abnormal PE/Chem/CBC/UA Results: SDMA 25, BUN 60, ALT 334, amylase >2500 UA: blood 250, pH 6.5, WBC < 1/hpf, USPG 1.038

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 moderate and most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The right kidney measured 5.0 cm. The left kidney measured 4.36 cm. Blood flow to the kidneys appeared to be subnormal. Slight mineralizations were noted in the kidneys. Pyelectasia was noted in the right kidney.

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 0.41 cm. The right adrenal gland measured 0.54 cm.

Spleen

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 were noted.

Liver

The **liver** was diffusely hyperechoic to falciform fat, consistent with lipidosis. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

Some minor luminal density was noted in the **stomach**, consistent with medications and/or hair accumulation. The upper gastrointestinal tract was unremarkable otherwise. The colonic lumen was fluid filled.

Pancreas

The **pancreas** was hypoechoic and edematous with mild irregular contour, primarily in the left limb.



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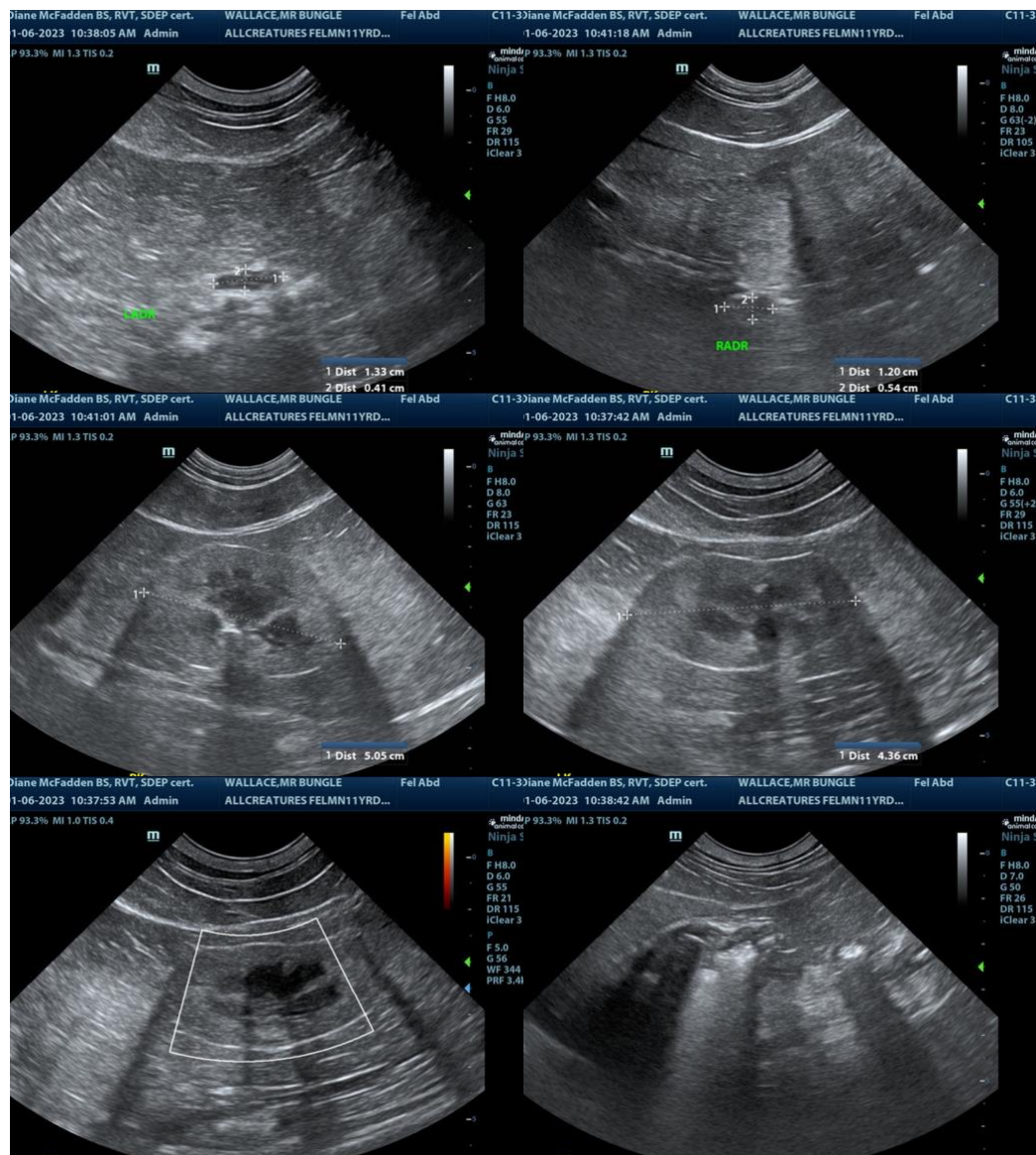
1/6/23

ULTRASONOGRAPHIC FINDINGS

- Moderate chronic renal changes with pyelectasia (in the right kidney) and mineralization
- Resolving pancreatitis/gastroenteritis
- Minor luminal density in the stomach, consistent with medications and/or hair accumulation
- Hyperechoic liver

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Treatment for gastroenteritis/pancreatitis is indicated. I'm concerned for long term viability of the kidneys in this patient. No evidence of neoplasia.





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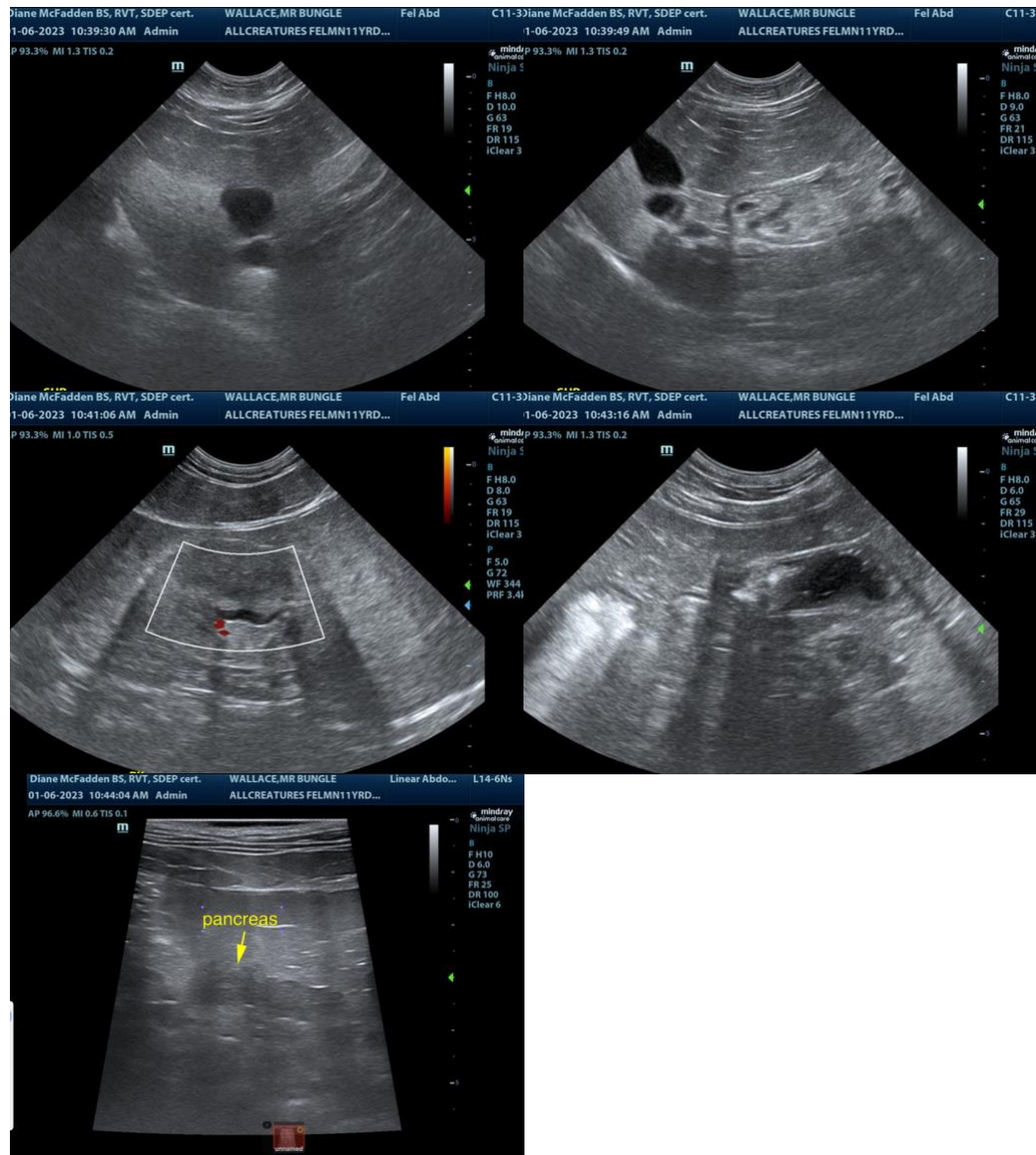
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com