



PATIENT	PRESENTING CLINICAL SIGNS
Wrigley Desmaris	Diagnosed as Stage 2 CRD
SPECIES	Abnormal PE/Chem/CBC/UA Results: Moderate elevation of renal enzymes
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
Shep Heeler Mix	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
SEX	Normal size and margination was 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 mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Pinpoint areas of medullary mineral were noted. The left kidney measured 4.5 cm in length. The right kidney measured 5.0 cm in length.
MN	
AGE	The area of the aortic trifurcation was free of pathology.
13	The residual prostate was normal measuring 0.98 cm in diameter.
WEIGHT	Adrenal Glands
16.5kg	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.53 cm width at the caudal pole and 0.56 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.64 cm width at the caudal pole and 0.62 cm width at the cranial pole.
INTERPRETED BY	Spleen
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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.
IMAGING PERFORMED BY	Liver
Dr. Belan	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. An indistinct to subtle hyperechoic intraparenchymal nodule consistent with area of hyperplasia was noted. The hepatic and portal vasculature were normal in appearance without signs of congestion.
HOSPITAL NAME	Gastrointestinal
Glamorgan AH	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.
REFERRING VET	
Dr. Hill	
INVOICE	
11409ag	
DATE	
08/18/2022	



PATIENT

Wrigley Desmaris

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.

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

SPECIES

Canine

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

BREED

Shep Heeler Mix

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

MN

- Bilateral mild chronic renal changes with pinpoint medullary mineral
- Mild hepatic parenchymal remodeling with indistinct likely benign intraparenchymal nodule
- Age related pancreas

AGE

13

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the bilateral kidneys is consistent with mild chronic renal changes in conjunction with IRIS stage 2 CRD. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

WEIGHT

16.5kg

CRD therapy based on the clinical impression of the patient and degree of azotemia with intermittent monitoring of systemic BP is recommended.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Glamorgan AH

REFERRING VET

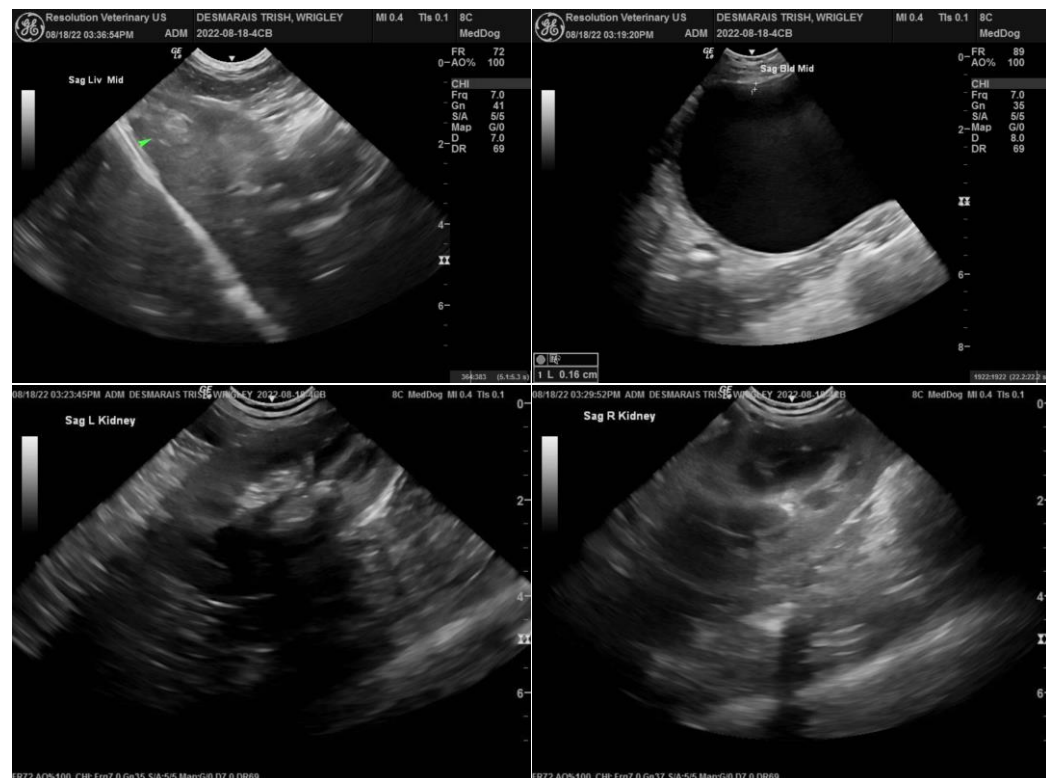
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PATIENT

Wrigley Desmaris

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Canine

BREED

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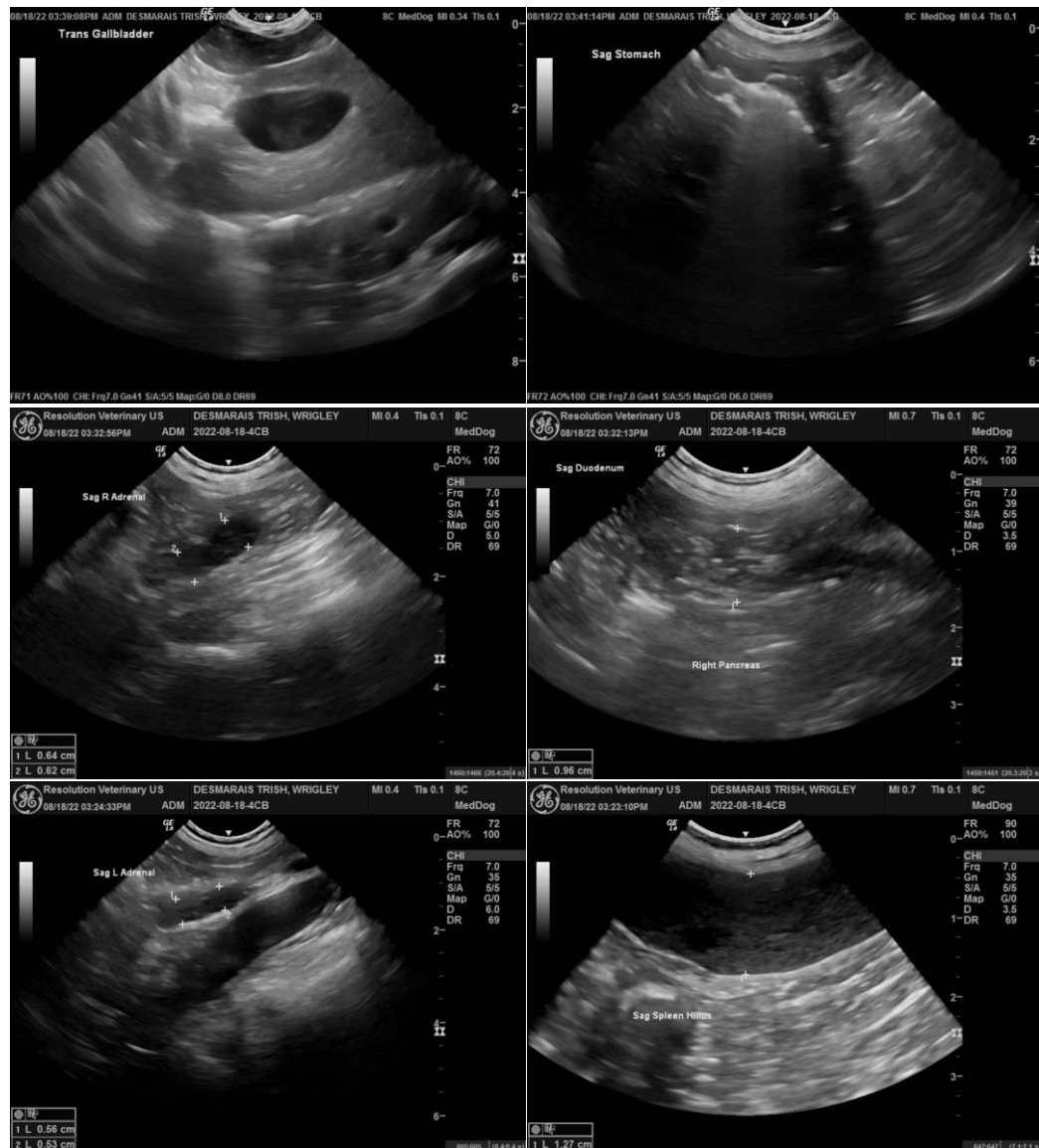
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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