



PATIENT

Cassie Capelle

SPECIES

Canine

BREED

Pembroke Welsh Corgi

SEX

FS

AGE

9 years

WEIGHT

29 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. Hoffman

INVOICE

12831

DATE

12.15.2021

PRESENTING CLINICAL SIGNS

History: 1 week duration hypo/anorexia, PU/PD, occasional vomiting

Medication: SQF, Cerenia, Pepcid, Metronidazole

BUN 30, Creatinine 3.2, ALT 227, Abnormal cPL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder was mildly subnormal in size owing to a lack of urine distention. The bladder presented uniformly thickened urinary bladder wall isoechoic to the adjacent normal urinary bladder wall. The luminal margin of the thickened urinary bladder wall was mildly asymmetrical in contour. The apical urinary bladder wall thickness measured 0.52 cm width. Pinpoint to focal areas of dependent mineral were present along with focal areas of likely adhered mineral along the ventroapical luminal surface. The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal tone to a depth of 2.0 cm. 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.

The area of the aortic trifurcation was free of pathology.

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 mild loss of corticomedullary symmetry and definition expected for the age of the patient. Pinpoint areas of medullary mineral were present in the right kidney. A small medullary cyst adjacent to the pelvis with the potential for minor pyelectasia was present in the left kidney. The left kidney measured 6.5 cm in length. The right kidney measured 6.5 cm in length.

Adrenal Glands

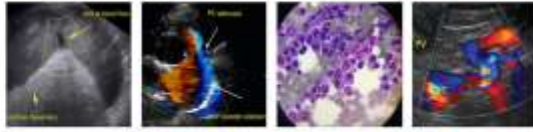
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.60 cm width at the caudal pole and 0.42 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.63 cm width at the caudal pole and 0.55 cm width at the cranial pole.

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Hyperechoic parenchyma with potential for sectorial medial capsule fibrosis was present, which is an incidental finding. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory disease. No evidence of splenic neoplastic criteria.

Liver/ Gallbladder

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



PATIENT	benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
Cassie Capelle	
SPECIES	<i>Gastrointestinal</i>
Canine	The stomach presented intact yet subjectively mildly prominent wall layering primarily in the pylorus with minor retained pyloric fluid. The pylorus wall width measured 0.43 cm. The gastric body wall width measured 0.37 cm.
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. The duodenum wall width measured 0.42 cm. The jejunum wall width measured 0.38 cm.
Pembroke Welsh Corgi	
SEX	Normal visible colon wall layers were present with apparent formed feces in lumen.
FS	<i>Pancreas</i>
AGE	The pancreas was normal in size and contour with subtle nonhomogeneous to echogenic parenchyma compared to the adjacent omentum. No evidence of peripancreatic omental reactivity was noted.
9 years	<i>Free Abdomen</i>
WEIGHT	No omental masses, lymphadenopathy or peritoneal effusion were present.
29 Pounds	ULTRASONOGRAPHIC FINDINGS
INTERPRETED BY	<i>Primary Findings</i>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<ul style="list-style-type: none"> • Mild dependent to adhered urinary bladder mineral with likely cystitis • Mild chronic renal changes with focal medullary mineral • Low-grade hepatopathy - subjectively benign • Suspect mild gastritis • Mildly echogenic pancreas - potential low-grade to chronic pancreatitis
IMAGING PERFORMED BY	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
Rebekah Jakum, CVT ARDMS/RVT	Correlation of the azotemia with full urinary work up including urinalysis, culture and sensitivity, and baseline UPC is recommended. Leptospirosis titers / PCR may be considered if clinically indicated.
HOSPITAL NAME	
Stanglein VC	
REFERRING VET	Potential for low-grade to chronic pancreatitis would be suspected if evidence of cranial abdominal / subxiphoid discomfort on palpation.
Dr. Hoffman	
INVOICE	Hospitalization with 24-48/Hour IV fluid and gastroprotectant protocol with monitoring of renal parameters and assessment of clinical response is recommended. Continued gastrointestinal support and conservative therapy for potential chronic pancreatitis are recommended. Potential CKD therapy may be indicated.
12831	
DATE	
12.15.2021	



PATIENT

Cassie Capelle

SPECIES

Canine

BREED

Pembroke Welsh Corgi

SEX

FS

AGE

9 years

WEIGHT

29 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Stanglein VC

REFERRING VET

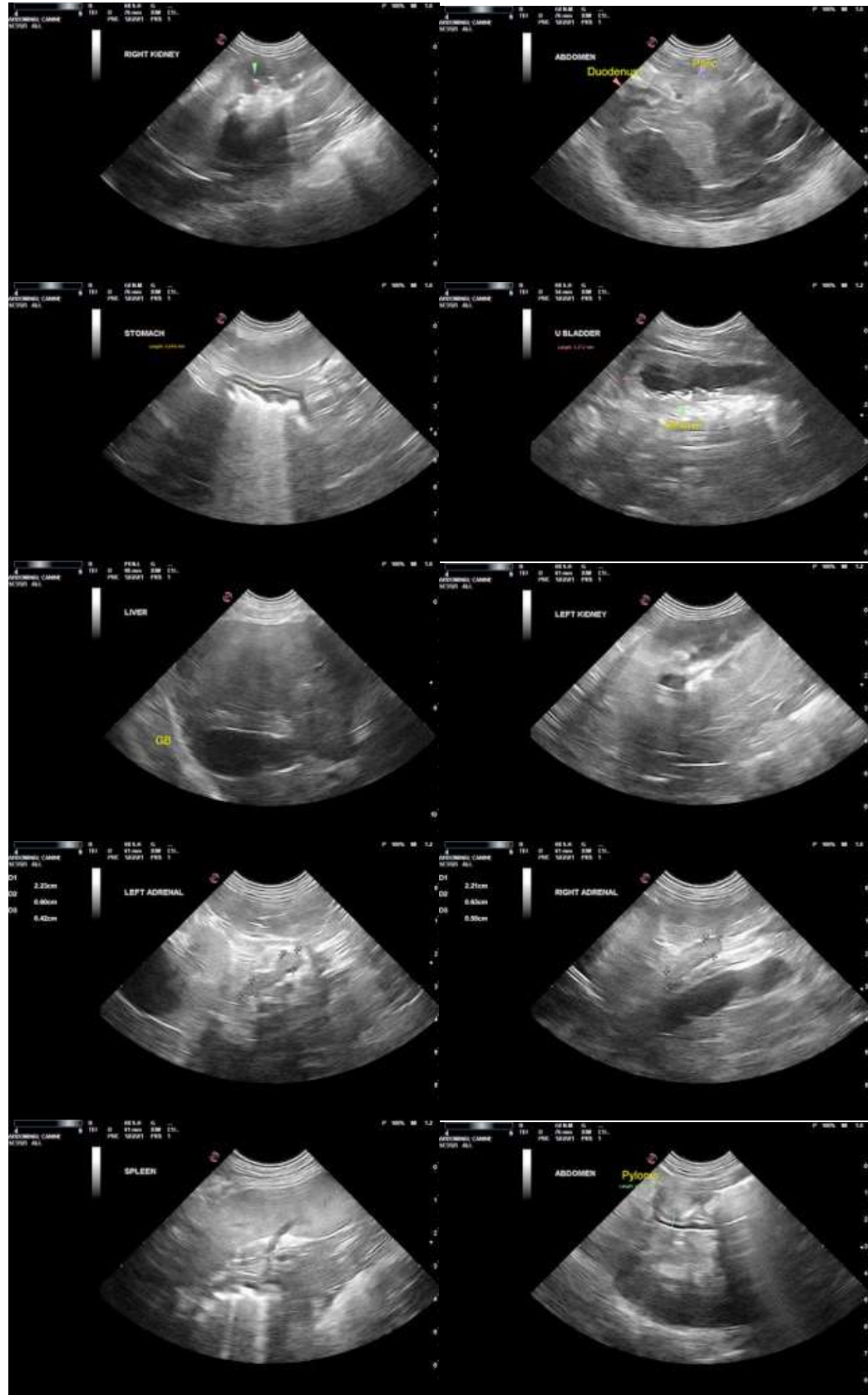
Dr. Hoffman

INVOICE

12831

DATE

12.15.2021





PATIENT

Cassie Capelle

SPECIES

Canine

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.

BREED

Pembroke Welsh Corgi

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.

SEX

FS

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

mac.daniel@sonopath.com

AGE

9 years

WEIGHT

29 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. Hoffman

INVOICE

12831

DATE

12.15.2021