



PATIENT PRESENTING CLINICAL SIGNS

Charlotte Rhodes chronic recurring pancreatitis, last episode was 3 years ago. - strict homemade diet, prescribed by OVC nutritionist, very sensitive GI if strays from this diet - presenting 11/05/2022 for vomiting and anorexia, clinical dehydration meds: cerenia, ampicillin, pantoprazole, methadone

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: - Hct 65% - mild low ALP - elevated amylase, lipase - abnormal cPL

BREED

Chihuahua

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed Female

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm 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.

AGE

11 Years

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.5 cm. The right kidney measured 4.1 cm.

WEIGHT

5.7 kg

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.7 cm long x 0.50 cm at the caudal pole. The right adrenal gland measured 1.3 cm long x 0.54 cm at the caudal pole. No adrenal tumors.

INTERPRETED BY

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

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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 or neoplastic disease.

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Hamilton Region Vet
Emergency Clinic

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. 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. Probable minor congealed, uniform, mildly echogenic debris noted in the cranial lumen of the gallbladder. No evidence of gallbladder or peripheral gallbladder inflammation.

REFERRING VET

Dr. Vercaigne

Gastrointestinal

INVOICE

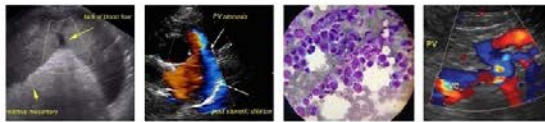
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The stomach presented intact yet mildly prominent wall layering, primarily in the pylorus. Pylorus wall measured 0.52 cm wall width. The lumen of the stomach was primarily empty with minor retained chyme.

DATE

11/7/22

The duodenum exhibited intact, mildly prominent wall layering, primarily in the upper duodenum with minor upper duodenal corrugation. Upper duodenal wall measured 0.67 cm. The jejunum and ileum to the



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Charlotte Rhodes

level of the colon were sonographically normal without evidence of mechanical or metabolic ileus. Jejunum wall measured 0.32 cm.

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

SPECIES

Canine

Pancreas

The left limb, right limb, and base of the pancreas presented hypoechoic to heterogeneous echogenicity compared to adjacent omental fat. Mild asymmetrical capsule margination was present with mild variable parenchymal swelling. Regional peripancreatic mild hyperechoic mesentery noted. No overt evidence of neoplasia.

BREED

Chihuahua

Free Abdomen

No evidence of peripancreatic or peritoneal free fluid.

SEX

Spayed Female

No evidence of overt lymphadenopathy.

ULTRASONOGRAPHIC FINDINGS

AGE

11 Years

- Chronic active pancreatitis pattern with regional mild hyperechoic to reactive mesentery – possible regional emerging or mild steatitis.

WEIGHT

5.7 kg

- Gastroduodenitis

- Mild chronic renal changes

- Focal congealed gallbladder debris (non-mucocele) – likely incidental if no evidence of cholestasis.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Continued empirical therapy for chronic active pancreatitis with as-needed gastrointestinal support is warranted. No overt evidence of pancreatic neoplastic criteria. Sonographic monitoring of the pancreas in this patient is likely ideal. Hospitalization with rehydration protocol recommended, given evidence of dehydration, with chronic active pancreatitis therapy and as needed gastrointestinal support. Cobalamin and folate levels may be considered to assess for evidence of concurrent intestinal disease.

IMAGING PERFORMED BY

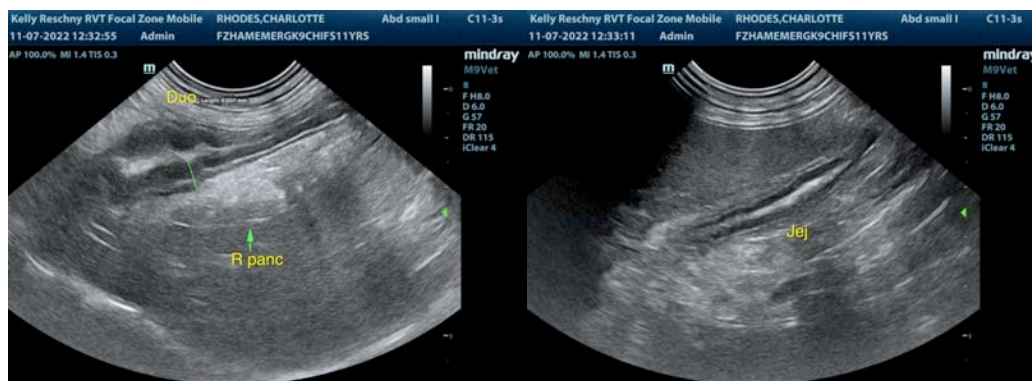
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SPECIES

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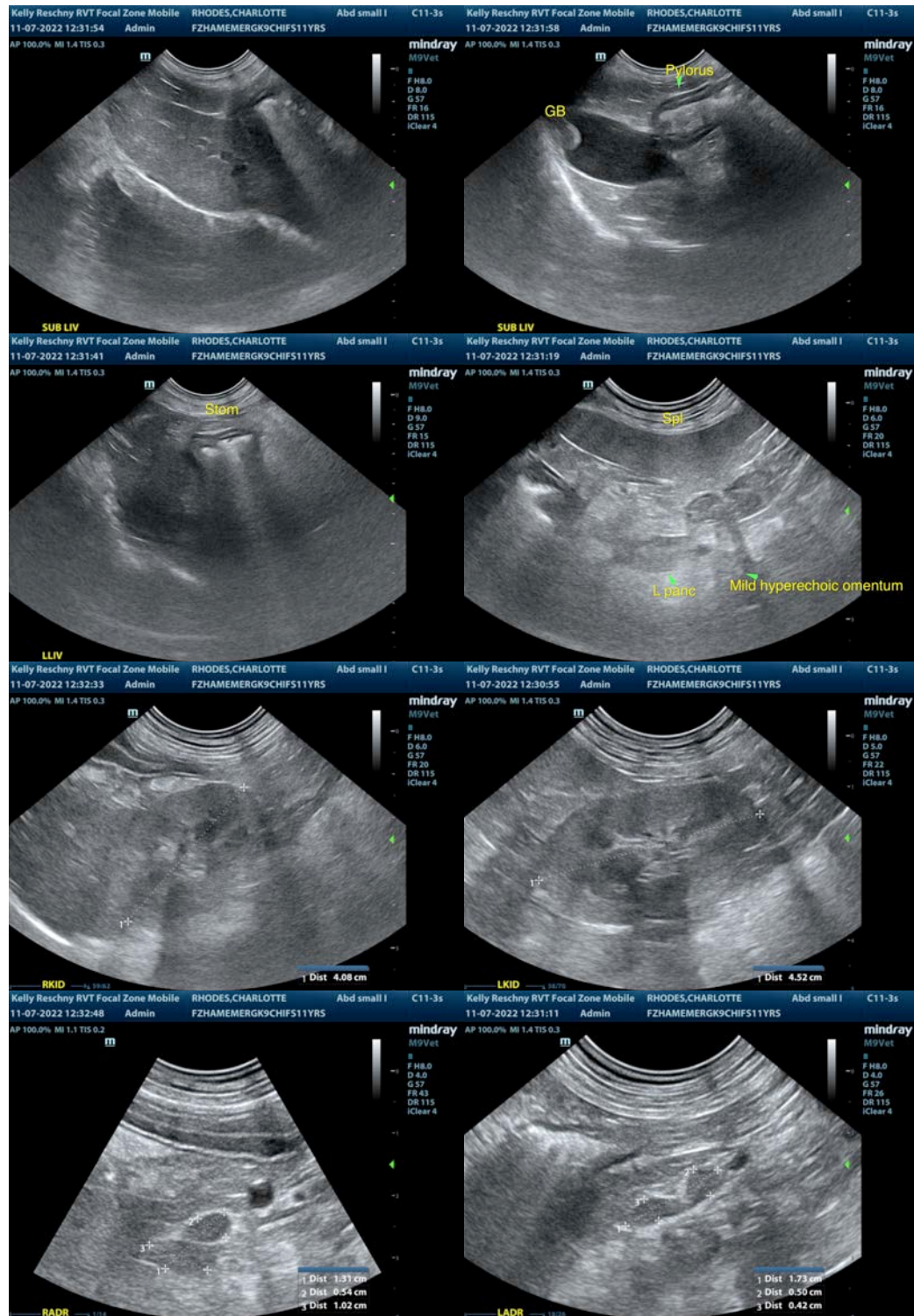
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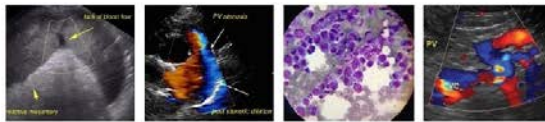
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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

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SEX

Spayed Female

AGE

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