

PATIENT

Belvie Graff

SPECIES

Canine

BREED

Mixed

SEX

Spayed Female

AGE

12/21/2010

WEIGHT

72.6 lb

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Sun Dog Cat Moon
VC

REFERRING VET

Abby Clayton

INVOICE

11945

DATE

11.2.22

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: acute vomiting
Current Medications: trazodone

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. The region of the trigone is normal.

The left kidney is normal size (6.97 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

The right kidney is normal size (7.83 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.73 cm at cranial pole) (0.68 cm at caudal pole) (3.63 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.75 cm at cranial pole) (0.86 cm at caudal pole) (3.22 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (1.89 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

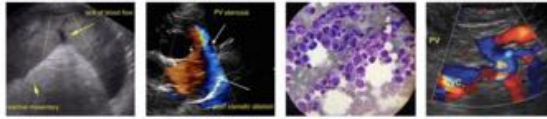
Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein to caudal vena cava ratio is approximately 1: 1.

The gall bladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.



PATIENT

Belvie Graff

SPECIES

Canine

BREED

Mixed

SEX

Spayed Female

AGE

12/21/2010

WEIGHT

72.6 lb

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Sun Dog Cat Moon
VC

REFERRING VET

Abby Clayton

INVOICE

11945

DATE

11.2.22

Pancreas

The limbs and base of the pancreas are visible with normal curvilinear peripheral contours. The parenchyma is largely hyperechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion.

The abdominal lymph nodes are normal/not visible.

Other

A brief echocardiogram reveals no obvious evidence of pericardial effusion or obvious right atrial/auricular mass.

ULTRASONOGRAPHIC FINDINGS

Findings

- The presence of ingesta within the gastric lumen despite fasting suggests delayed gastric emptying, likely secondary to gastroenteritis. There is no obvious evidence of an outflow tract obstruction.
- The pancreatic changes are most consistent with age-related parenchymal remodeling, potentially secondary to a prior inflammatory episode, early fibrosis or chronic pancreatitis.
- Given the elevated ALP, and the sonographically normal-appearing liver, a benign hepatopathy (i.e., age-related remodeling, regenerative nodular hyperplasia and/or vacuolar hepatopathy) are suspected.

*An obvious cause for the patient's clinical signs is not identified in this study. Considerations include dietary indiscretion, infectious/parasitic disease, food allergy/intolerance, underlying metabolic issue, mild pancreatitis, other.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A fecal evaluation for ova and Giardia is recommended.

Supportive care for acute gastroenteritis is recommended, including gastric protectants, antiemetics, fluid therapy (as needed) and a bland diet (when the patient is eating). If the patient does not begin to clinically improve within 48-72 hours of medical management, a more advanced GI work-up (i.e., resting cortisol level, GI panel, GI biopsies) may be warranted.



PATIENT

Belvie Graff

SPECIES

Canine

BREED

Mixed

SEX

Spayed Female

AGE

12/21/2010

WEIGHT

72.6 lb

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Sun Dog Cat Moon
VC

REFERRING VET

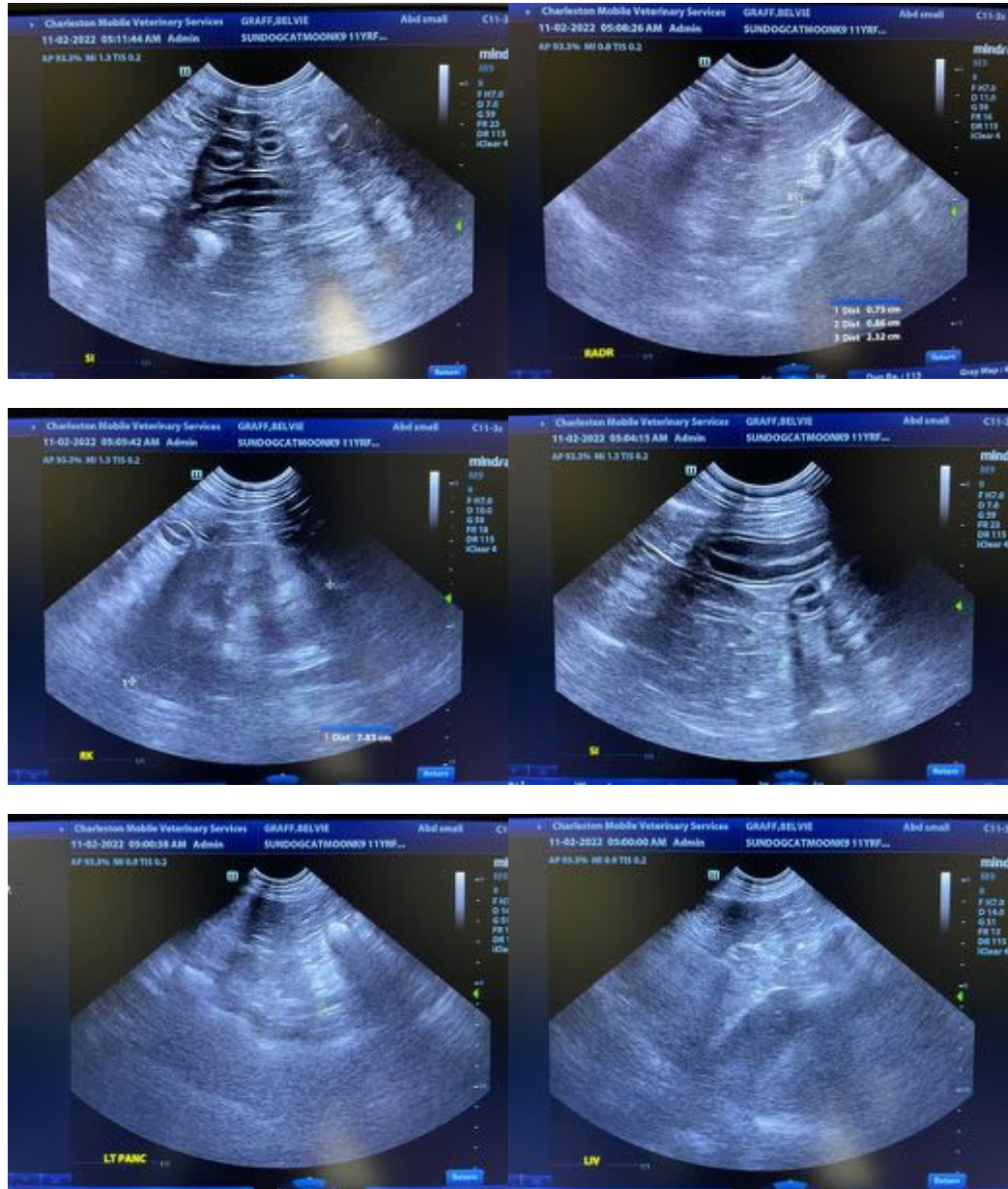
Abby Clayton

INVOICE

11945

DATE

11.2.22





PATIENT

Belvie Graff

SPECIES

Canine

BREED

Mixed

SEX

Spayed Female

AGE

12/21/2010

WEIGHT

72.6 lb

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Sun Dog Cat Moon
VC

REFERRING VET

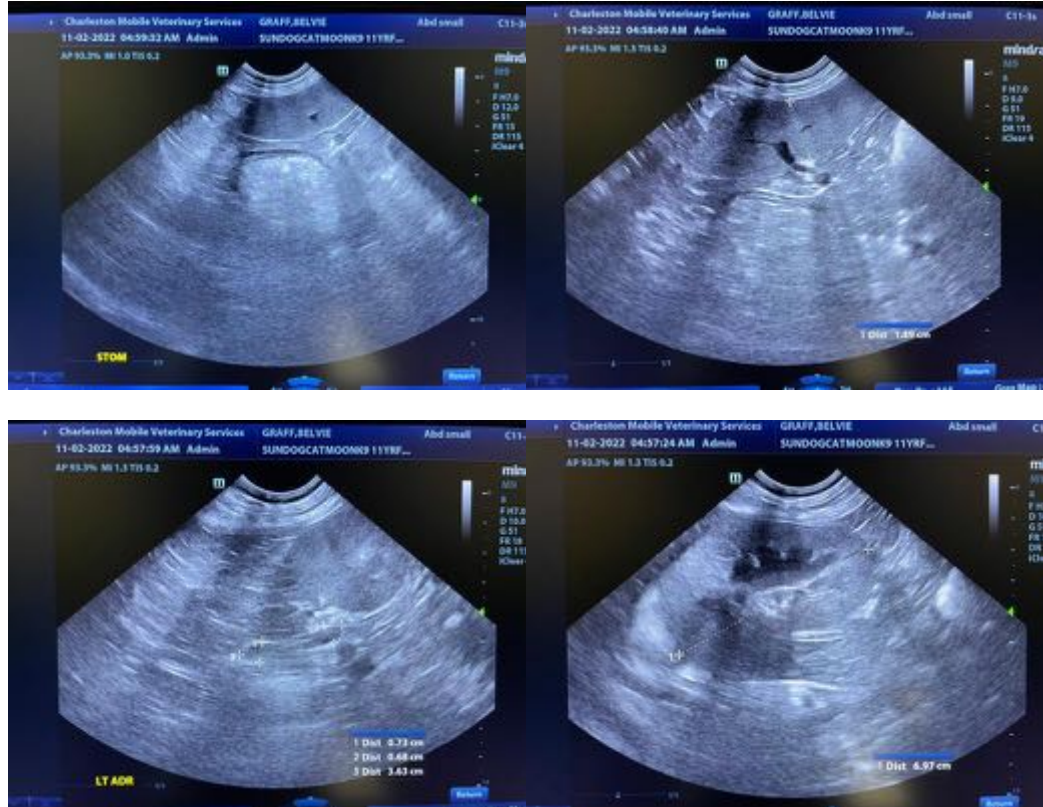
Abby Clayton

INVOICE

11945

DATE

11.2.22



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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com