



PATIENT

Bella Behling

SPECIES

Canine

BREED

Chihuahua mix

SEX

Female, spayed

AGE

11 Yrs.

WEIGHT

14 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Kara Wallisch

HOSPITAL NAME

Sondel Family VC

REFERRING VET

Dr. Kara Wallisch

INVOICE

14285

DATE

11/28/22

PRESENTING CLINICAL SIGNS

History: Presents for progressive hyporexia and "rock hard abdomen" after eating (bloat?). Food: Purina Pro Plan. No diarrhea, no vomiting. Not currently on meds. Not responsive to steroid trial.
Abnormal PE/Chem/CBC/UA Results: PE: rounded belly, large liver palpable CBC/Chem: nsf
Radiographs abd: subjectively thickened intestines, large liver

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is 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 and the visible portion of the proximal urethra are normal.

The left kidney is normal in size (3.97 cm in length) with a normal shape, smooth peripheral margins and normal internal architecture. The cortex is mildly hyperechoic relative to the spleen. There is mild loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. There is no evidence of pyelectasia, infarcts or hydronephrosis.

The right kidney is subjectively normal size with a normal shape, smooth peripheral margins and normal internal architecture. The cortex is mildly hyperechoic relative to the spleen. There is mild loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. A small cortical cyst is observed at the cranial pole. There is no evidence of pyelectasia, infarcts or hydronephrosis.

Adrenal Glands

The left adrenal gland is normal size (0.37 cm at cranial pole) (0.50 cm at caudal pole); 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 (0.41 cm at cranial pole) (0.39 cm at caudal pole); 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 (1.39 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 enlarged with slightly swollen peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A moderate to large amount of aggregated, echogenic partially-dependent to suspended sludge, in a partially stellate pattern is observed within the lumen. The cystic and common bile ducts are normal/not seen.

Gastrointestinal



PATIENT

Bella Behling

The gastric lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is segmentally dilated with chyme. 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.

SPECIES

Canine

Pancreas

The right limb of the pancreas is 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.

BREED

Chihuahua mix

Free Abdomen

SEX

Female, spayed

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

AGE

11 Yrs.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

14 lbs.

Primary Findings:

- The hepatic changes are most consistent with a benign hepatopathy (i.e., vacuolar hepatopathy).
- The gallbladder changes are most consistent with a developing mucocele.

Secondary Findings:

- Mild, bilateral, chronic renal changes with non-obstructive nephrocalcinosis.
- Age-related pancreatic remodeling with possible fibrosis. Mild chronic pancreatitis may also be present, particularly if the patient's clinical history is consistent with this diagnosis.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

**IMAGING
PERFORMED BY**

Dr. Kara Wallisch

- Regarding the patient's clinical signs, consider abdominal imaging (i.e., radiographs or ultrasound) when the patient is symptomatic to help determine if a food bloat is present. Also consider a more comprehensive gastrointestinal workup (i.e., GI panel (send to Texas A&M), resting cortisol level, thoracic radiographs (to assess for occult esophageal disease), limited antigen diet trial +/- endoscopic or surgical GI biopsies).
- Given the gall bladder changes, Ursodeoxycholic acid (Ursodiol) at 10-15 mg/kg once a day is recommended. Serial sonographic monitoring (e.g., every 6-8 weeks) of the gall bladder is recommended to assess for progression to a fully-formed mucocele.

HOSPITAL NAME

Sondel Family VC

REFERRING VET

Dr. Kara Wallisch

INVOICE

14285

DATE

11/28/22



PATIENT

Bella Behling

SPECIES

Canine

BREED

Chihuahua mix

SEX

Female, spayed

AGE

11 Yrs.

WEIGHT

14 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Kara Wallisch

HOSPITAL NAME

Sondel Family VC

REFERRING VET

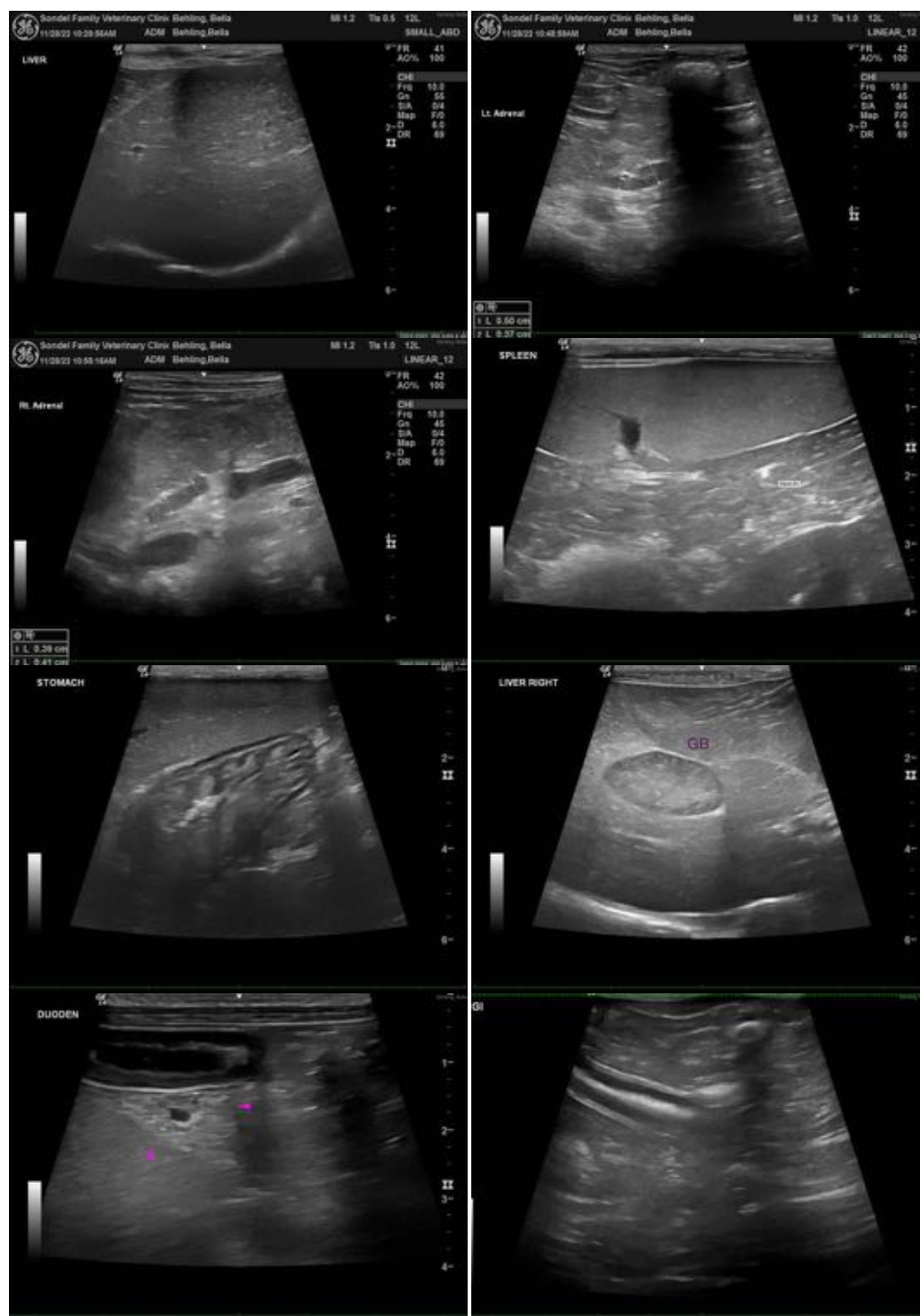
Dr. Kara Wallisch

INVOICE

14285

DATE

11/28/22



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.



PATIENT

Bella Behling

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)

info@SonoPath.com

SPECIES

Canine

BREED

Chihuahua mix

SEX

Female, spayed

AGE

11 Yrs.

WEIGHT

14 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Kara Wallisch

HOSPITAL NAME

Sondel Family VC

REFERRING VET

Dr. Kara Wallisch

INVOICE

14285

DATE

11/28/22