



PATIENT

Barkely Kaepfel

SPECIES

Canine

BREED

Chihuahua mix

SEX

Male, neutered

AGE

19 Months.

WEIGHT

11 kg..

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Erin Wicks

HOSPITAL NAME

Shores Veterinary
Emergency Center

REFERRING VET

Dr. Zippay

INVOICE

14717

DATE

3/7/23

PRESENTING CLINICAL SIGNS

Presented at our hospital for possible ultrasound. Patient vomited a large amount Monday morning and diarrhea in the yard. Went to RDVM, bloodwork and xrays performed, given SQ fluids. Patient not eating today, recheck CBC concern for high WBC count and repeat xrays have a "spot on the abdomen" and recommended ultrasound.

Previous Health Concerns: none

Current Medications: none

Appetite/When did they eat last: not eating today

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 mostly anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 1-2 cm, are normal.

The prostate is normal in size (0.96 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

The left kidney is normal size (5.01 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney is normal size (5.33 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.37 cm at cranial pole) (0.42 cm at caudal pole) (1.99 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 (0.63 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.

Spleen

The spleen is normal in size (1.27 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



PATIENT

Barkely Kaepfel

ratio is approximately 1:1. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

SPECIES

Canine

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. 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.

BREED

Chihuahua mix

Pancreas

SEX

Male, neutered

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

Free Abdomen

AGE

19 Months.

The mesentery in the cranial to mid-abdomen is mildly hyperechoic. There is no obvious evidence of free fluid and a small amount of shadowing material. 1-2 prominent mesenteric lymph nodes are visualized, the largest measuring 0.96 cm in length.

WEIGHT

11 kg..

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Suspected mild gastric ileus. The scant shadowing material in the gastric lumen may represent retained ingesta and/or foreign material. It appears non-obstructive at this time.
- Mild cranial to mid-abdominal peritonitis, the cause of which is unclear.

Secondary Findings:

- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.

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

INTERPRETED BY

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

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores Veterinary
Emergency Center

REFERRING VET

Dr. Zippay

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- A fecal evaluation for ova/Giardia
- Prophylactic deworming with Fenbendazole
- Consider Parvovirus testing, depending on the patient's vaccination status.
- Also consider a cPLI to better assess for mild pancreatitis.

INVOICE

14717

DATE

3/7/23



PATIENT

Barkely Kaepfel

- Symptomatic care for acute gastroenteritis is recommended, including antiemetics, fluid therapy (as needed), probiotic, bland diet +/- fiber supplement (i.e., Metamucil).
- If the patient's clinical signs do not improve with medical management, a more comprehensive GI workup may be warranted.

SPECIES

Canine

BREED

Chihuahua mix

SEX

Male, neutered

AGE

19 Months.

WEIGHT

11 kg..

INTERPRETED BY

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

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores Veterinary
Emergency Center

REFERRING VET

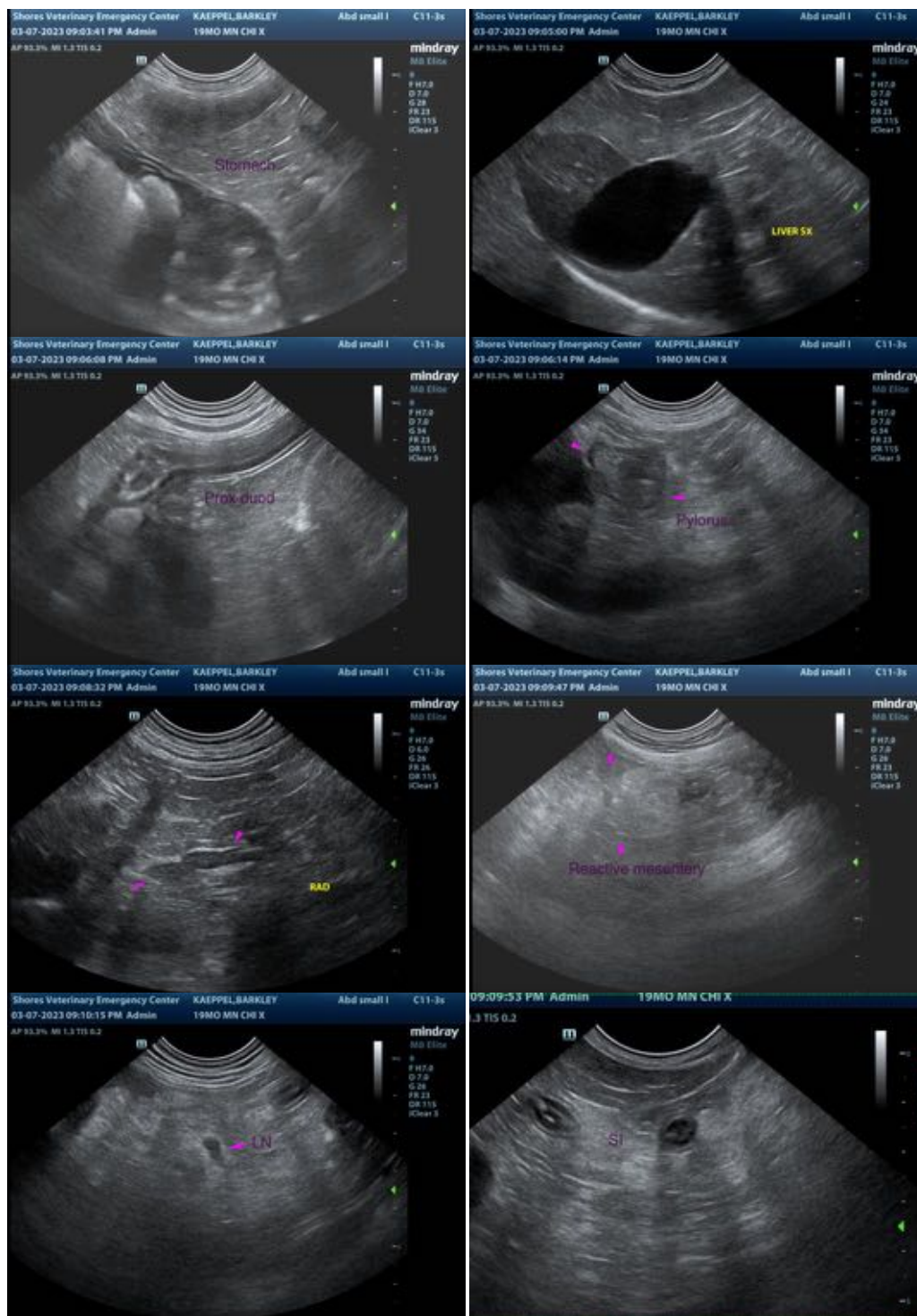
Dr. Zippay

INVOICE

14717

DATE

3/7/23





PATIENT

Barkely Kaepfel

SPECIES

Canine

BREED

Chihuahua mix

SEX

Male, neutered

AGE

19 Months.

WEIGHT

11 kg..

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Erin Wicks

HOSPITAL NAME

Shores Veterinary
Emergency Center

REFERRING VET

Dr. Zippay

INVOICE

14717

DATE

3/7/23



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