



PATIENT PRESENTING CLINICAL SIGNS

Molly Chow Vomiting and diarrhea since the weekend. Was swimming at the beach, had 8 vomiting episodes between 6am and 8am today.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Border Collie

The **urinary bladder** was normal in size and shape. The serosal and mucosal surfaces were smooth and curvilinear. The bladder wall was normal in thickness for the volume of urine present. The urine was anechoic with no sediment or uroliths. The ureters were not visible, which is normal. The bladder trigone were normal. The pelvic urethra was visualized to a depth of 2.0 cm and was normal in thickness and tone.

SEX

Spayed Female

The iliac trifurcation was visualized and evaluated with color doppler. There was normal vascular perfusion with no evidence of thrombus formation. The medial iliac lymph nodes were visualized and found to be normal in size, shape and echogenicity.

AGE

1 Year

WEIGHT

21.4 kg

Both **kidneys** were subjectively normal in size for breed and body weight. The capsule contour was smooth. Normal corticomedullary distinction was present with a normal 1:3 cortex to medulla ratio. The cortex was normal in echogenicity. There was no evidence of pyelectasia or renoliths. The renal perfusion and vascularity were normal on power doppler. The left kidney measures 5.9 cm. The right kidney measures 6.9 cm.

INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline)

Adrenal Glands

IMAGING PERFORMED BY

Kelly Reschny

Both **adrenal glands** were both flattened in shape and subnormal in size. The capsule of each gland was smooth with no evidence of capsular expansion. The echogenicity and echotexture of each gland was normal. There was no evidence of vascular invasion or inflammation around either adrenal gland. The left adrenal gland measures 0.40 cm at the cranial pole, 0.40 cm at the caudal pole, and 2.7 cm in length. The right adrenal gland measures 0.40 cm at the caudal pole, 0.80 cm at the cranial pole and 2.5 cm in length.

HOSPITAL NAME

East Credit VH

Spleen

The **spleen** was normal size and shape with a smooth capsule contour. The spleen was in a normal position. The parenchyma had a finely textured and homogenous echogenicity. The vasculature was normal in structure, with no evidence of thrombus on power doppler examination.

REFERRING VET

Dr. Gardiner

Liver

The **liver** was normal in size and shape with a smooth capsule contour. The liver lobe edges were appropriately sharp. The parenchyma had a normal coarse and homogenous texture. The hepatic and portal vasculature were normal in size and volume. There were no visible focal lesions, masses or inflammation present.

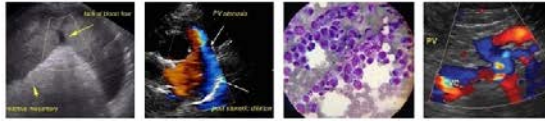
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DATE

7/28/23

The **gallbladder** was normal in size and shape. The gallbladder wall was thin and echogenic, with no sign of luminal or surrounding inflammation. The gallbladder contents were largely anechoic. The cystic duct and common bile duct were visualized and found to be normal in size and shape.



PATIENT

Gastrointestinal

Molly Chow

The **stomach** was largely empty with normal size, shape, and position. The stomach wall was normal in thickness and maintained appropriate layering. The **small intestine** displayed normal curvilinear patterns throughout, with normal wall thickness and layering. Small regional mild ileus is present with no evidence of obstruction or foreign body. The visible **colon** wall was normal in thickness and layering. There were no visible masses or focal lesions.

SPECIES

Canine

BREED

Pancreas

Border Collie

There is a section of right pancreas that is hypoechoic and irregular with bright mesentery adjacent to the duodenum.

SEX

Spayed Female

The left limb and body of the pancreas were visualized and found to be normal in size and shape. The pancreatic capsule was smooth, without deviation or expansion. The parenchyma was isoechoic to the surrounding mesentery. The pancreatic duct was normal in size and appearance.

AGE

Free Abdomen

1 Year

No peritoneal effusion or lymphadenopathy was noted on examination of the peritoneal cavity.

WEIGHT

ULTRASONOGRAPHIC FINDINGS

21.4 kg

- Focal pancreatic inflammation in the right pancreatic limb
- Flattened adrenals bilaterally

INTERPRETED BY

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DABVP (Canine and
Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The sonographic appearance of the stomach and small intestine is non-specific, and could be seen with dietary indiscretion, food sensitivity, GI parasites and/or IBD without significant visible wall changes. A fresh fecal smear and a resting cortisol to rule out Addison's disease is recommended, given the mild subnormal size of the adrenal glands. Supportive care should be provided for pancreatitis and GI upset.

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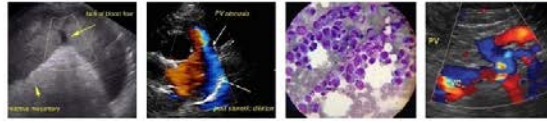
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PATIENT

Molly Chow

SPECIES

Canine

BREED

Border Collie

SEX

Spayed Female

AGE

1 Year

WEIGHT

21.4 kg

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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.

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.

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