



PATIENT PRESENTING CLINICAL SIGNS

Riley Kearl polyuria with mild stranguria.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

Canine
The urinary bladder is distended. The wall is normal in thickness with a smooth mucosal surface. A 0.72 cm irregular cystic calculus is visualized within the lumen. The region of the trigone and the proximal urethra (visible to a depth of 2-3 cm) are normal.

BREED

Border Collie X
The prostate is normal in size (1.03 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

SEX

Neutered Male
The left kidney presented normal size (5.87 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 hydroureter. Renal vasculature is normal.

AGE

12 Years
The right kidney presented normal size (5.95 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 hydroureter. Renal vasculature is normal.

WEIGHT

59.6 Pounds

Adrenal Glands

The left adrenal gland is normal size (0.52 cm at cranial pole) (0.68 cm at caudal pole) (2.40 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 (1.35 cm at cranial pole) (0.57 cm at caudal pole) (2.97 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 (1.90 cm) with a normal capsular contour. There is appropriate echogenicity and echotexture. A few ill-defined, hyperechoic nodules/areas are observed, mainly in the region of the hilus. Splenic vasculature is normal.

Liver

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen with minor changes consistent with age-related remodeling. No focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

West Hills AH

REFERRING VET

Dr. Eguchi-Coe

INVOICE

33810

DATE

12/28/21

The gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of gravity dependent echogenic debris is observed within the lumen. The cystic and common bile ducts are normal.



PATIENT *Gastrointestinal*

Riley Kearl
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 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 or overt infiltrative disease is noted.

SPECIES

Canine

Pancreas

BREED

Border Collie X

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

SEX

Neutered Male

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

PRIMARY FINDINGS

- Cystic calculus

AGE

12 Years

SECONDARY FINDINGS

- Minor geriatric hepatic and renal changes

WEIGHT

59.6 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A cystotomy with stone removal, analysis and culture is recommended. Alternatively, medical dissolution of the stones can be considered with a prescription renal diet and broad-spectrum antibiotic therapy. If there is no improvement in stone size after 4 weeks of therapy, a cystotomy should be reconsidered. If the stone size is reduced, continue therapy until complete dissolution has been achieved.

INTERPRETED BY

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

If the patient is to undergo anesthesia, 3-view thoracic radiographs are recommended to assess cardiopulmonary status. Baseline lab work including CBC/Chem panel, urinalysis and T4 is also recommended if not already performed.

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

West Hills AH

REFERRING VET

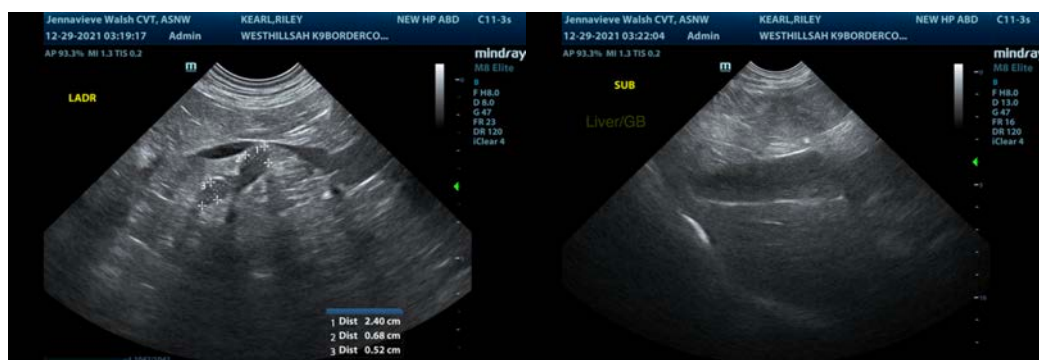
Dr. Eguchi-Coe

INVOICE

33810

DATE

12/28/21





PATIENT

Riley Kearl

SPECIES

Canine

BREED

Border Collie X

SEX

Neutered Male

AGE

12 Years

WEIGHT

59.6 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

West Hills AH

REFERRING VET

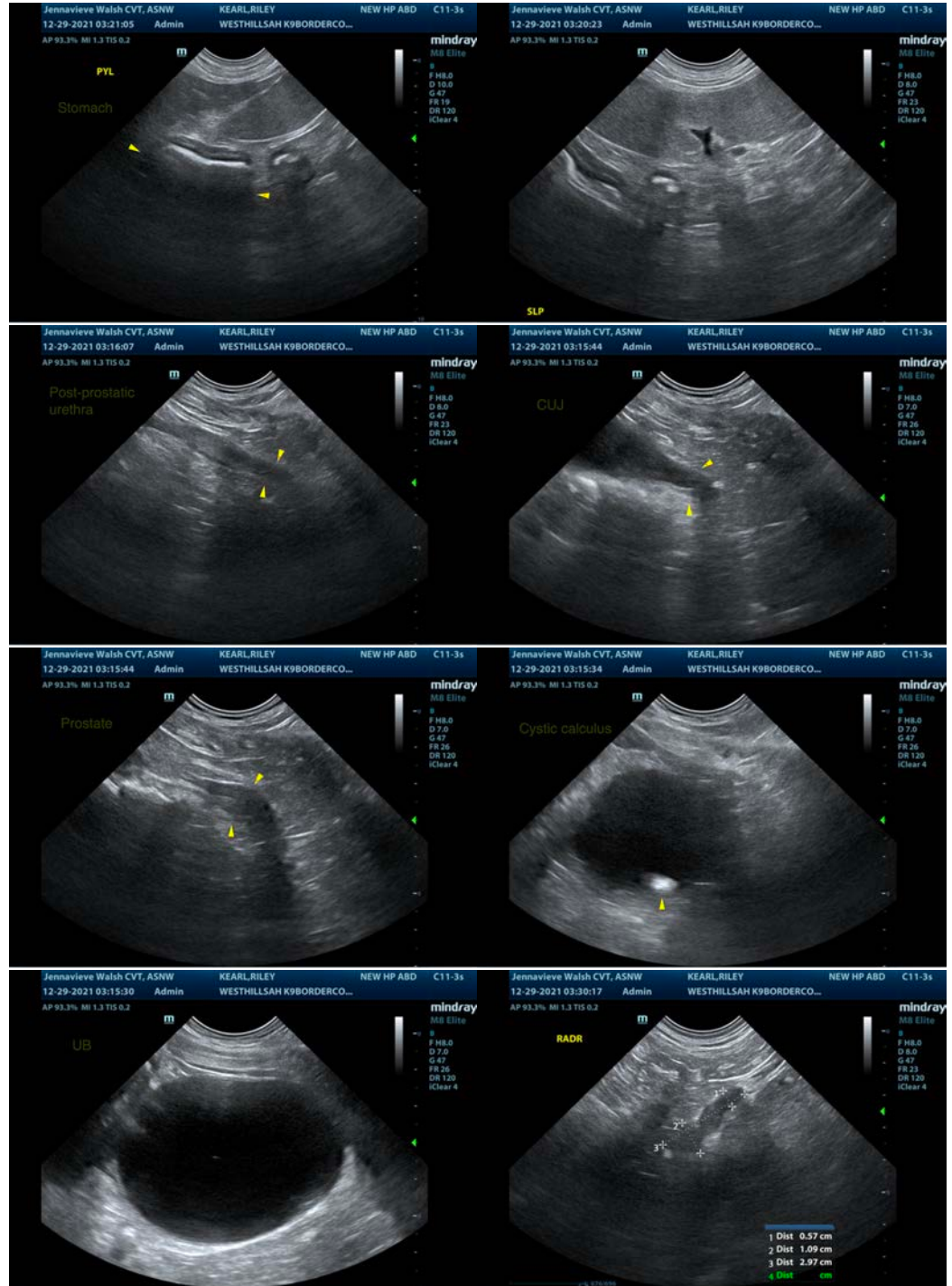
Dr. Eguchi-Coe

INVOICE

33810

DATE

12/28/21





PATIENT

Riley Kearl

The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

BREED

Border Collie X

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

SEX

Neutered Male

AGE

12 Years

WEIGHT

59.6 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Jenna Walsh, CVT

HOSPITAL NAME

West Hills AH

REFERRING VET

Dr. Eguchi-Coe

INVOICE

33810

DATE

12/28/21