PATIENT

Daisy Barelli

SPECIES

Canine

BREED

Cattle Dog

SEX

Spayed Female

AGE

12 Years

WEIGHT

17.4 kg

INTERPRETED BY

Beth Johnson, DVM, DACVIM (SAIM)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Thorold VH

REFERRING VET

Dr. Kerr

INVOICE

37269

DATE

6/1/26

PRESENTING CLINICAL SIGNS

History: Passing urine with clots present, Eating less. Urine culture Negative, no uroliths on rads, no response to medical treatments.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Urinary bladder is adequately distended with primarily anechoic contents. There is one 0.3 cm in diameter mineral density noted settled along the cranial dependent wall. Additionally, in the trigone/proximal urethra, is an approximately 1.0 cm x 1.3 cm mildly irregular homogenous echogenic density. The remaining urinary bladder wall and visible urethra are normal in thickness.

Kidneys are overall normal in size and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased cortical echogenicity and mild loss of corticomedullary distinction, expected in this age patient. There is no evidence of pyelectasia, mineral or infarcts observed. The left kidney measures 4.14 cm. The right kidney measures 4.3 cm.

Adrenal Glands

Left adrenal gland is normal in size (0.49 cm at cranial pole and 0.52 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Right adrenal gland is normal in size (0.94 cm at cranial pole and 0.57 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Spleen

Spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

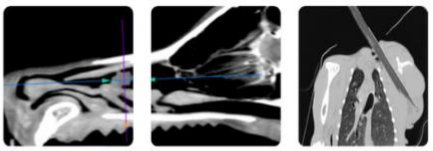
Liver

Liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

Gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

Gastrointestinal

The visible stomach wall is normal in thickness and layering. The lumen of the stomach is mildly distended with a small to moderate amount of echogenic non-shadowing luminal contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.



PATIENT

Daisy Barelli

SPECIES

Canine

BREED

Cattle Dog

SEX

Spayed Female

AGE

12 Years

WEIGHT

17.4 kg

INTERPRETED BY

Beth Johnson, DVM, DACVIM (SAIM)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Thorold VH

REFERRING VET

Dr. Kerr

INVOICE

37269

DATE

6/1/26

The visible small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

Pancreas

The pancreas that is observed appears appropriately isoechoic to surrounding omental fat. Visible capsule is smooth and normal in contour. Visible pancreatic parenchyma is homogenous and unremarkable. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

Free Abdomen

There is no visible free peritoneal effusion noted in these images.

There is no apparent pathologic lymphadenopathy noted in these images.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- One small cystolith, likely small enough to pass on its own in a female dog, as well as the suspected tissue density in the trigone/proximal urethra, which could represent a benign inflammatory change, although emerging infiltrative neoplasia can't be ruled out without additional information.

Secondary Findings

- Mild age-related kidney changes

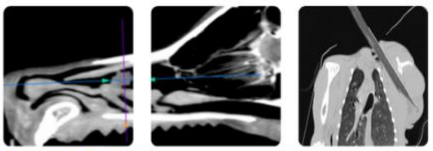
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urinalysis and urine culture, if indicated based on urinalysis results, are recommended. Submission of urine to look for BRAF gene mutation, which is associated with urinary bladder/prostate cancer, could be considered. Other diagnostic options include traumatic catheterization, fine needle aspirate (with small risk of tumor seeding/trailing) or cystoscopy for further sampling. In the meantime, empirical therapy with a broad-spectrum antibiotic (or ideally an antibiotic based on culture and sensitivity results) as well as an anti-inflammatory (unless otherwise contraindicated based on patient co-morbidities) may begin to help alleviate clinical signs.

Pending results of that evaluation, three view thoracic radiographs are recommended for further assessment of cardio-pulmonary status as well as to further evaluate for any evidence of metastatic disease, if not recently evaluated.

The Focal Zone
FUELED BY SONOPATH VETERINARY ULTRASOUND

SonoPath FOSTERING THE ART OF VETERINARY MEDICINE™ www.thefocalzone.com info@thefocalzone.com 289.808.2608



Teleradiology
Educational Teleconsultation Services™

PATIENT

Daisy Barelli

SPECIES

Canine

BREED

Cattle Dog

SEX

Spayed Female

AGE

12 Years

WEIGHT

17.4 kg

INTERPRETED BY

Beth Johnson, DVM, DACVIM (SAIM)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Thorold VH

REFERRING VET

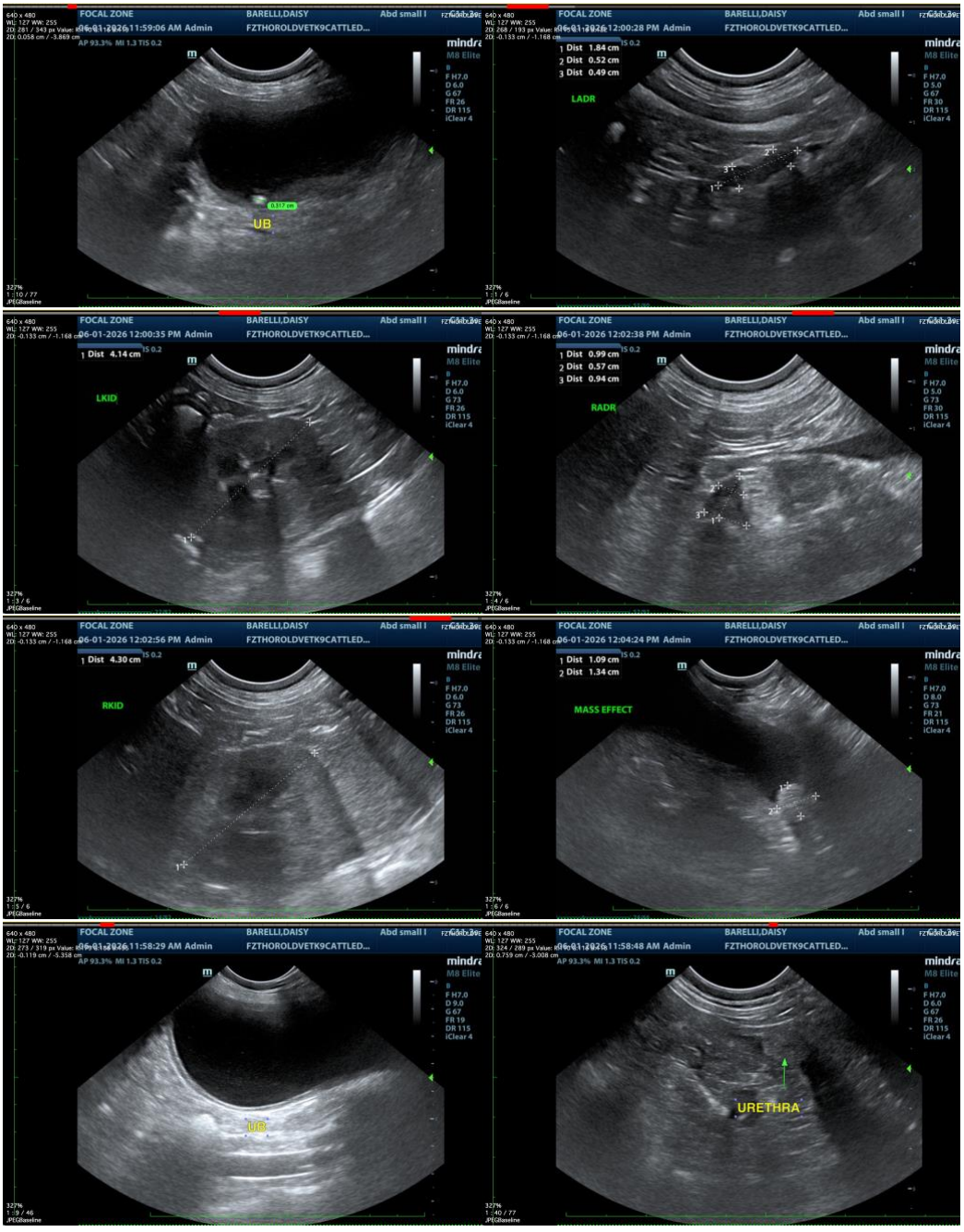
Dr. Kerr

INVOICE

37269

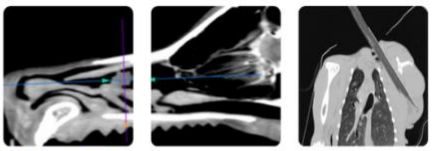
DATE

6/1/26



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

Daisy Barelli

SPECIES

Canine

BREED

Cattle Dog

SEX

Spayed Female

AGE

12 Years

WEIGHT

17.4 kg

INTERPRETED BY

Beth Johnson, DVM, DACVIM (SAIM)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Thorold VH

REFERRING VET

Dr. Kerr

INVOICE

37269

DATE

6/1/26

Beth Johnson, DVM DACVIM

info@sonopath.com