

PATIENT PRESENTING CLINICAL SIGNS

Riley Kittrell Swollen vulva with bloody discharge. Bloody in stool, losing weight. Thoracic radiographs from early December are unremarkable.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

BREED

Basset

SEX

Spayed Female

AGE

3/26/18

WEIGHT

37 lbs

INTERPRETED BY

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

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. A small amount of aggregated echogenic debris is suspended within the lumen. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

The left kidney presented normal size (6.11 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 presented normal size (6.44 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 in length with a slightly flattened contour (0.32 cm at cranial pole) (0.36 cm at caudal pole) (1.74 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 (1.04 cm at cranial pole) (0.43 cm at caudal pole) (1.83 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.

IMAGING PERFORMED BY

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

Spleen

The spleen is normal in size (1.42 cm) 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.

HOSPITAL NAME

Sea Islands Vet

The gall bladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal.

REFERRING VET

Dr.

Gastrointestinal

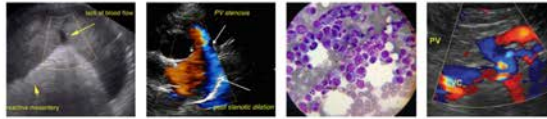
The gastric lumen is moderate distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. Several small intestinal segments are severely thickened (up to 1.80 cm) with a complete loss of the normal layering pattern. The remaining small intestinal segments are normal in thickness with a normal layering pattern.

INVOICE

33928

DATE

1/3/22



PATIENT Riley Kittrell
A segment of the proximal colon is also severely thickened, measuring up to 2.65 cm with a loss of the normal layering pattern. The mesentery effacing the serosal surface of the thickened bowel segments is hyperechoic. There is no obvious evidence of an obstructive pattern.

SPECIES **Pancreas**
Canine
A portion of the pancreas is obscured by the gastric distention. In the visualized portions, no obvious pathology is observed.

BREED **Free Abdomen**
Basset
Trace free fluid is suspected.
At least one enlarged, irregular mesenteric lymph node is visualized, measuring 4.38 cm in length.

SEX **Other**
Spayed Female
A uterine stump is visible, measuring 0.44 cm in width. No obvious pathology is observed. There is no obvious evidence of an ovarian remnant.

AGE
3/26/18
A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

ULTRASONOGRAPHIC FINDINGS

- WEIGHT** 37 lbs
- The thickened bowel is concerning for infiltrative neoplasia (i.e., lymphoma). However, a severe inflammatory process (i.e., pyogranulomatous secondary to pythiosis) cannot be excluded. Regional peritonitis is present.
 - The abdominal lymphadenopathy could be consistent with infiltrative neoplasia, lymphadenitis (i.e., pyogranulomatous) or less likely, lymphoid hyperplasia.
 - An obvious cause for the hemorrhagic vulvar discharge is not identified in this study. However, a stump pyometra cannot be completely excluded.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Fine needle aspirates of the thickened bowel segments and enlarged abdominal lymph node are recommended if clotting status is appropriate. If cytologic evaluation is inconclusive, surgical biopsies may be necessary to get a definitive diagnosis. If pyogranulomatous inflammation is seen cytologically or histologically, consider further testing for pythiosis (i.e., PCR).

Regarding the vulvar discharge, vaginal cytology is recommended to further assess for stump pyometra. If surgery for bowel biopsies is pursued, a thorough search for an ovarian remnant is recommended +/- removal of the uterine stump. Also consider a urine culture and sensitivity to assess for a urinary tract infection.

HOSPITAL NAME

Sea Islands Vet

REFERRING VET

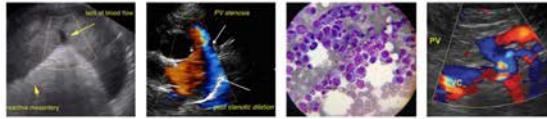
Dr.

INVOICE

33928

DATE

1/3/22



PATIENT

Riley Kittrell

SPECIES

Canine

BREED

Basset

SEX

Spayed Female

AGE

3/26/18

WEIGHT

37 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

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

HOSPITAL NAME

Sea Islands Vet

REFERRING VET

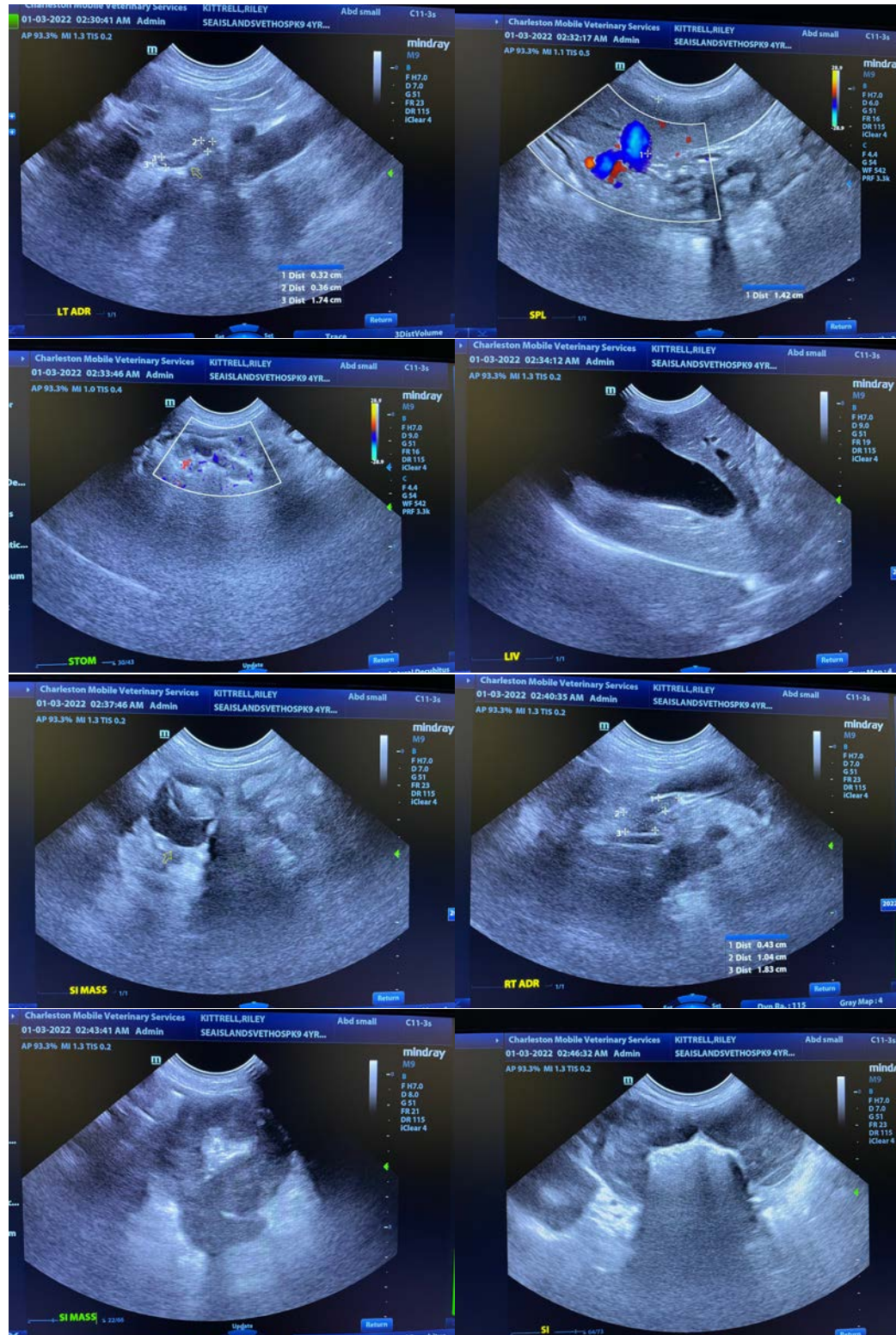
Dr.

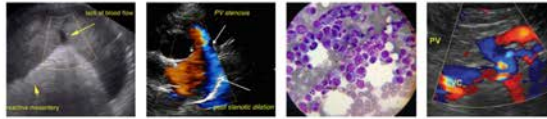
INVOICE

33928

DATE

1/3/22





PATIENT

Riley Kittrell

SPECIES

Canine

BREED

Basset

SEX

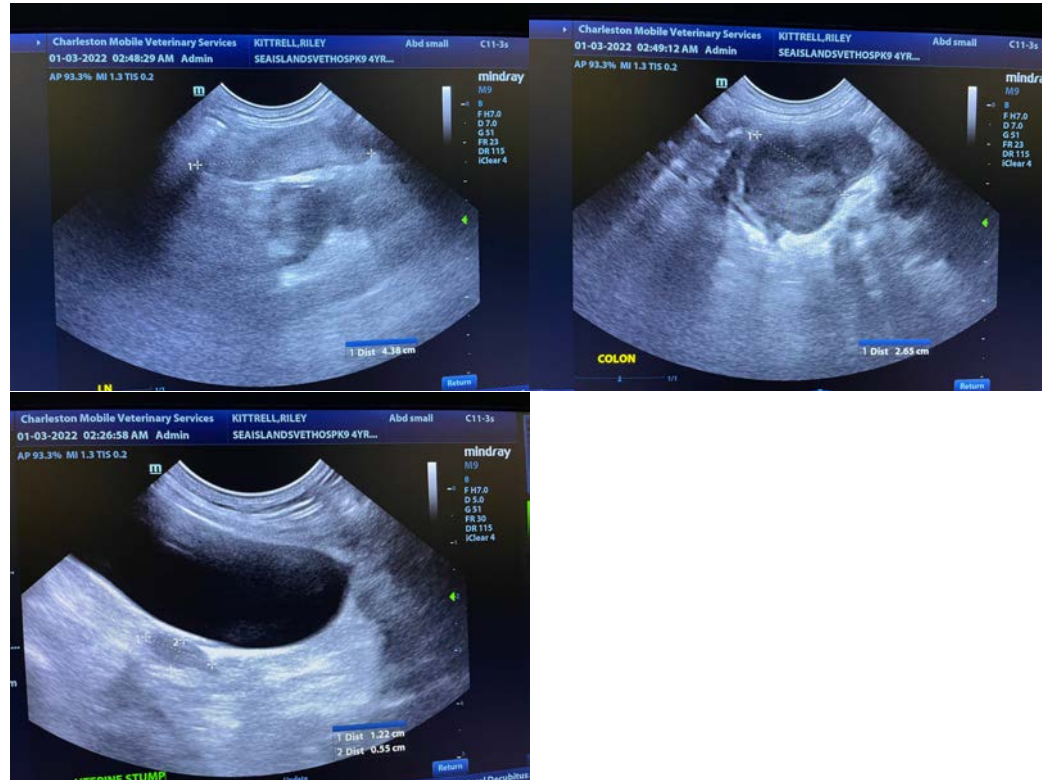
Spayed Female

AGE

3/26/18

WEIGHT

37 lbs



INTERPRETED BY

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

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.

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.

IMAGING PERFORMED BY

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

Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine)
Andrea.Nicastro@CharlestonMobile.net

HOSPITAL NAME

Sea Islands Vet

REFERRING VET

Dr.

INVOICE

33928

DATE

1/3/22