



PATIENT PRESENTING CLINICAL SIGNS

Morgan Severud Anorexia, weight loss. No current meds.
Abnormal PE/Chem/CBC/UA Results: Mild hypoalbuminemia

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline Urinary System

Urinary bladder is moderately distended. It has a normal uniform wall thickness (<0.2 cm). Contents include primarily anechoic fluid combined with suspended echogenic non-shadowing debris within the fluid. No masses or calculi are observed. The trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

BREED

DSH

Right kidney is normal in size (4.45 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

SEX

Spayed Female

Left kidney is normal in size (4.31 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

AGE

9 Years

Adrenal Glands

Right adrenal gland is normal in size (0.91 cm long x 0.28 cm thick), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

WEIGHT

13 Pounds

Left adrenal gland is normal in size (0.57 cm long x 0.14 cm thick), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

Spleen

The spleen is normal in size with normal, smooth margins. Parenchyma is diffusely hypoechoic in echogenicity with a mildly coarse heterogeneous echotexture. No focal nodules or masses are observed. The splenic vasculature appears normal.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

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.

HOSPITAL NAME

VCA Blirstown AH

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.

REFERRING VET

Dr. Clegg

Gastrointestinal

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

INVOICE NUMBER

33956

The visible small intestines are normal in wall thickness. Normal layering is maintained except for a diffusely disproportionately thick muscularis layer relative to mucosa and a focal cranial to mid abdominal bowel mass that extends approximately 7.0 cm in length with concentric thickening

DATE

1/4/22



PATIENT ranging between 0.7-1.0 cm thick with complete loss of normal 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.

Morgan Severud

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

Feline

Pancreas

Pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

BREED

DSH

Free Abdomen

There is no evidence of peritoneal effusion. Enlarged, round, hypoechoic lymph nodes are noted near the bowel mass.

SEX

ULTRASONOGRAPHIC FINDINGS

Spayed Female

- Urinary bladder sediment - Urine changes are most consistent with incidental suspended lipid in a cat, however, cellular debris or crystalluria cannot be ruled out and should be interpreted in combination with urinalysis results.

AGE

9 Years

- Mildly coarse, hypoechoic spleen – can be associated with congestion caused by sedation if sedated, but can also be associated with diffuse infiltrative disease. Both benign conditions such as extramedullary hematopoiesis, lymphoid hyperplasia, amyloidosis, etc., as well as infiltrative neoplastic diseases such as round cell neoplasia should be considered.

WEIGHT

13 Pounds

- Small bowel mass – most concerning for infiltrative neoplasia such as round cell neoplasia or less likely carcinoma .

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- Diffuse thick muscularis - has been reported in cats with infiltrative bowel disease including both benign inflammatory disease as well as infiltrative neoplasia such as lymphoma.
- Mesenteric lymphadenopathy surrounding the bowel mass.

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REFERRING VET

Dr. Clegg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommendations include a urinalysis due to the urinary bladder changes (reportedly already pending), as well as a fine needle aspirate of the bowel mass, the enlarged lymph nodes, and the spleen. A fine needle aspirate of the bowel mass is reportedly already pending, and if diagnostic, then further aspirates are likely not necessary. If the cytology is non-diagnostic, then aspirate of the lymph node and/or spleen could be considered, or surgical excisional biopsy of the bowel mass and lymph nodes as well as full thickness biopsies of the diffuse bowel changes may be necessary to obtain a definitive diagnosis.

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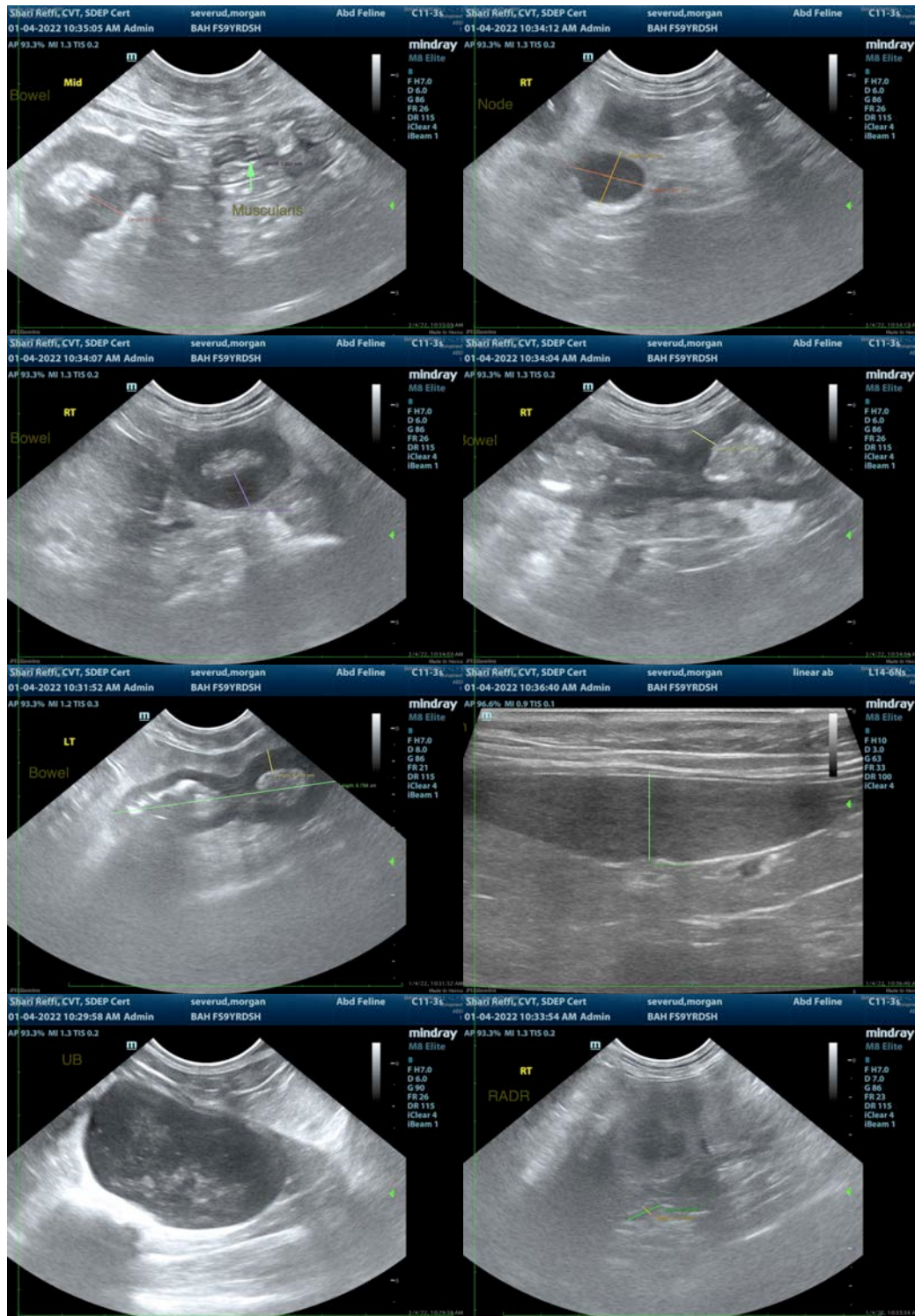
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Morgan Severud

SPECIES

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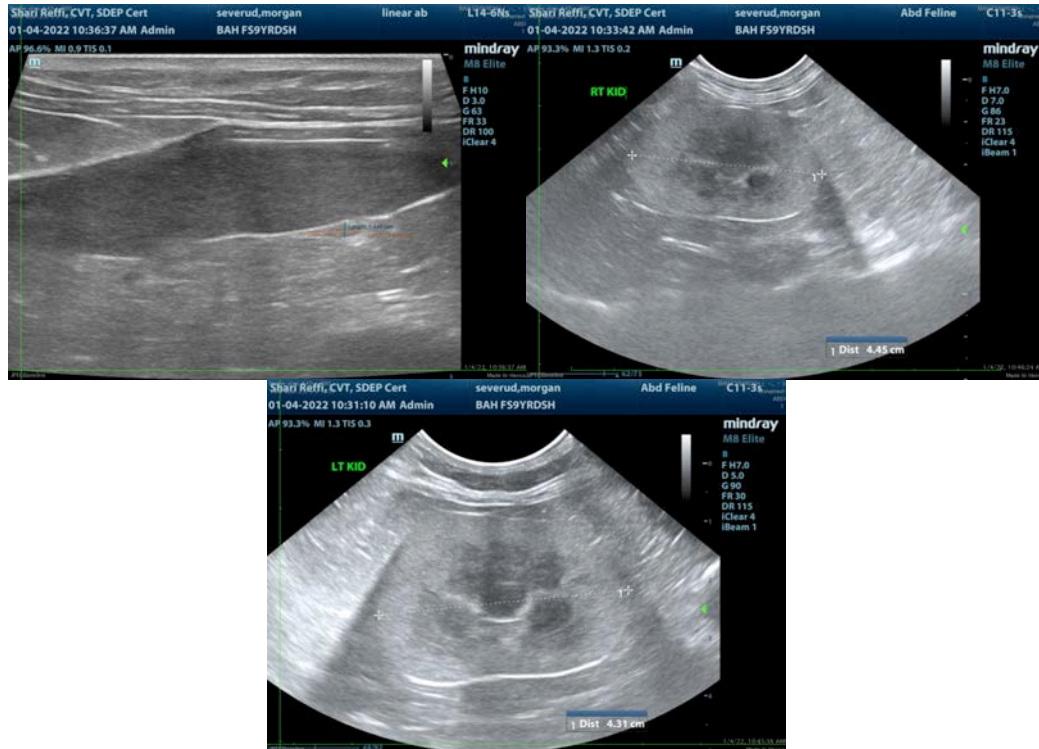
Spayed Female

AGE

9 Years

WEIGHT

13 Pounds



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.

INTERPRETED BY

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