



PATIENT PRESENTING CLINICAL SIGNS

Sully Koeth
History: Multiple urinary accidents at home, which is unusual. UA revealed rods and WBC. Prostate palpates wnl. Treated with enrofloxacin. After 1 week with enrofloxacin, accidents improved but were not resolved. Recheck UA revealed WBC aggregates, transitional cells, no bacteria. Blood work NSF.

SPECIES

Canine
Abnormal lab work values: UA initially rods and WBC. Recheck UA after 7 days enrofloxacin WBC clumps and transitional cells.

BREED

Current Medications: enrofloxacin 136 mg: 1.5 tablets PO SID, trazodone

Pit Bull Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

Neutered Male
The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2.0 cm, are normal.

AGE

12/18/14

The prostate is mildly enlarged with a slightly irregular shape. The parenchyma is subtly heterogeneous in appearance. A 1.27 cm irregular fluid pocket is observed in the parenchyma. The prostatic urethra is not overtly dilated.

WEIGHT

60 Lbs.

The left kidney presented normal size (5.88 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 hydronephrosis. Renal vasculature is normal.

INTERPRETED BY

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

The right kidney presented normal size (7.56 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 hydronephrosis. Renal vasculature is normal.

IMAGING PERFORMED BY

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

Adrenal Glands

HOSPITAL NAME

Sun Dog Cat Moon VC

The left adrenal gland is normal size (0.59 cm at cranial pole) (0.64 cm at caudal pole) (2.78 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.

REFERRING VET

Dr. Kim A. Wilson

The right adrenal gland is normal size (1.02 cm at cranial pole) (0.70 cm at caudal pole) (2.18 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.

INVOICE

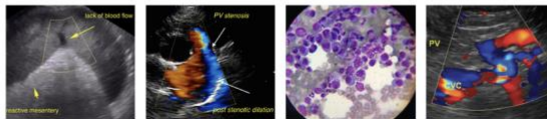
14014

DATE

2/21/22

Spleen

The spleen is normal in size (2.33 cm in width at the level of the hilus) with a normal capsular contour. The parenchyma is subtly mottled in appearance. No focal lesions are observed. Splenic vasculature is



PATIENT normal.

Sully Koeth **Liver**

SPECIES 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.

Canine

BREED The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal.

Pit Bull Mix

SEX **Gastrointestinal**

Neutered Male 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.

AGE

12/18/14

WEIGHT **Pancreas**

60 Lbs. 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.

INTERPRETED BY **Free Abdomen**

Andrea Nicastro, DVM, Diplomat ACVIM The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

(Small Animal Internal Medicine)

IMAGING PERFORMED BY

Andrea Nicastro, DVM, Diplomat ACVIM (Small Animal Internal

Other

A brief visualization of the heart reveals no obvious evidence of chamber enlargement, pericardial or pleural effusion or right atrial/auricular masses.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- The prostate changes are most consistent with late-in-life neutering with suspected hyperplasia and parenchymal cysts. Prostatic neoplasia cannot be completely excluded but is considered less likely.

Secondary Findings

- The splenic parenchymal changes trend toward the benign (i.e., lymphoid hyperplasia or extramedullary hematopoiesis) with a low possibility of emerging neoplasia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- A 4-week course enrofloxacin is recommended with a recheck urine culture and sensitivity 5-7 days after the last dose.

2/21/22

HOSPITAL NAME

Sun Dog Cat Moon VC

REFERRING VET

Dr. Kim A. Wilson

INVOICE

14014

DATE



PATIENT

Sully Koeth

- Consider a urine BRAF test to further screen for lower urinary tract neoplasia.
- Also consider a recheck ultrasound of the prostate in 4-6 weeks.

SPECIES

Canine

BREED

Pit Bull Mix

SEX

Neutered Male

AGE

12/18/14

WEIGHT

60 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

Sun Dog Cat Moon VC

REFERRING VET

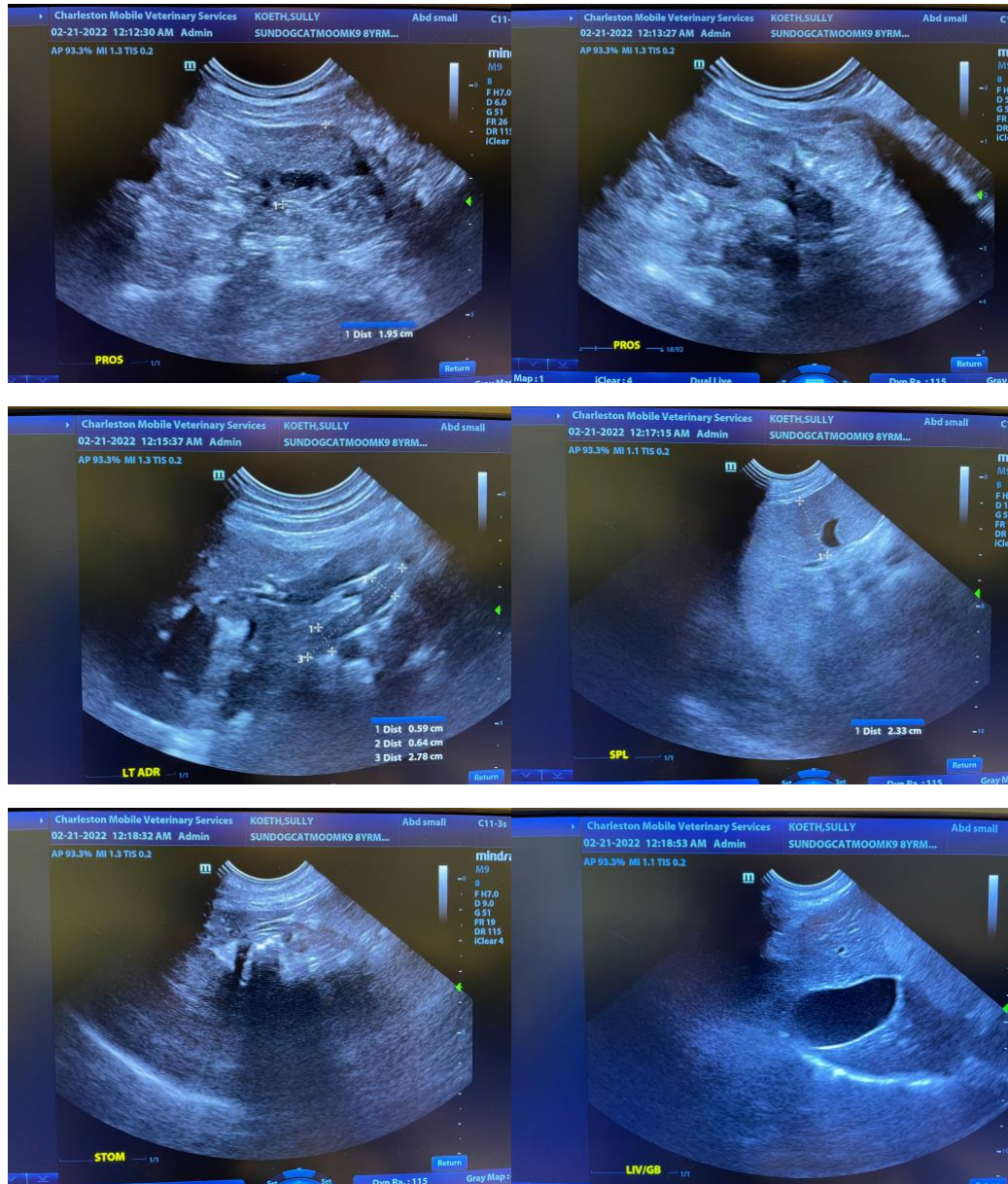
Dr. Kim A. Wilson

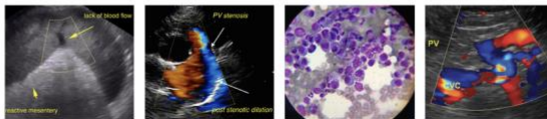
INVOICE

14014

DATE

2/21/22





PATIENT

Sully Koeth

SPECIES

Canine

BREED

Pit Bull Mix



SEX

Neutered Male

AGE

12/18/14

WEIGHT

60 Lbs.

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.

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

Andrea.Nicastro@CharlestonMobile.net

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

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

HOSPITAL NAME

Sun Dog Cat Moon VC

REFERRING VET

Dr. Kim A. Wilson

INVOICE

14014

DATE

2/21/22