

PATIENT PRESENTING CLINICAL SIGNS

Moose Krebs Clinical Exam Findings: P has odor to mouth. Have completed dental, rads, BW - all normal.

SPECIES Has been on GI protectants. U/s to rule out any GI issues
Canine Thoracic radiographs a unremarkable. The patient has a dental as well. Has been on acid blockers and antibiotics – some improvement in odor noted but never resolves and gets worse after stopping meds.

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Spinone Italiano **Urinary System**

SEX

Male Intact

AGE

02/24/2018

WEIGHT

87.4 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

Southside AH

REFERRING VET

Dr Carroll

INVOICE

14139

DATE

8.17.23

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are mostly anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

The prostate is normal in size (6.40 cm in width) and shape. Parenchyma is hyperechoic relative to surrounding omental fat and slightly heterogenous in appearance. The prostatic urethra is not overtly dilated.

The left kidney is normal in size (7.01 cm in length) with a normal shape, architecture and 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 is normal in size (9.04 cm in length) with a normal shape, architecture and 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 size (0.59 cm at cranial pole) (0.51 cm at caudal pole) with a normal shape and 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 in normal size (0.75 cm at cranial pole) (0.68cm at caudal pole) with a normal shape and 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 subjectively normal in size with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

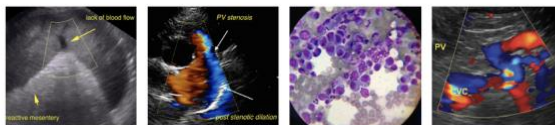
Liver

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.

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/not seen.

Gastrointestinal

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 pyloric



PATIENT outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.
Moose Krebs

SPECIES *Pancreas*
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.
Canine

BREED *Free Abdomen*
The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.
Spinone Italiano

SEX *Other*
A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.
Male Intact

The testicles are subjectively normal in size (left testicle: 3.10 x 2.18) (right testicle: 3.42 x 2.21) and symmetrical with homogenous parenchyma. No obvious pathology is observed.

AGE
02/24/2018

ULTRASONOGRAPHIC FINDINGS

- The prostate changes are most consistent with benign prostatic hyperplasia. Bacterial prostatitis is also a differential but considered unlikely in the absence of lower urinary tract signs.

WEIGHT
87.4 lbs

*An obvious cause for the patient's clinical signs is not definitively identified in this study. Considerations include microscopic gastrointestinal disease, dermatologic disease (less likely), prostatitis (less likely), other.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- A urine culture and sensitivity would be useful in further assessing for occult infection.
- Also consider a dermatology consultation to assess for skin issues that may be causing the odor.
- If the above diagnostics are inconclusive, consider an upper GI endoscopy with biopsies to further evaluate the GI tract. Also consider castration at the time of scoping.

IMAGING PERFORMED BY

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

HOSPITAL NAME

Southside AH

REFERRING VET

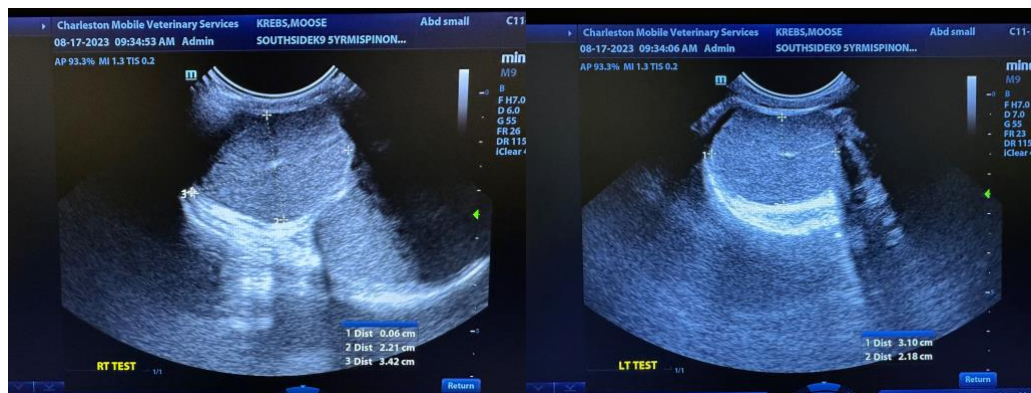
Dr Carroll

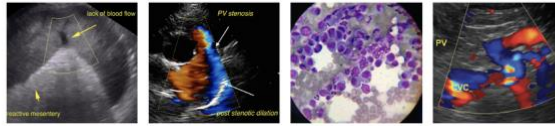
INVOICE

14139

DATE

8.17.23





PATIENT

Moose Krebs

SPECIES

Canine

BREED

Spinone Italiano

SEX

Male Intact

AGE

02/24/2018

WEIGHT

87.4 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

Southside AH

REFERRING VET

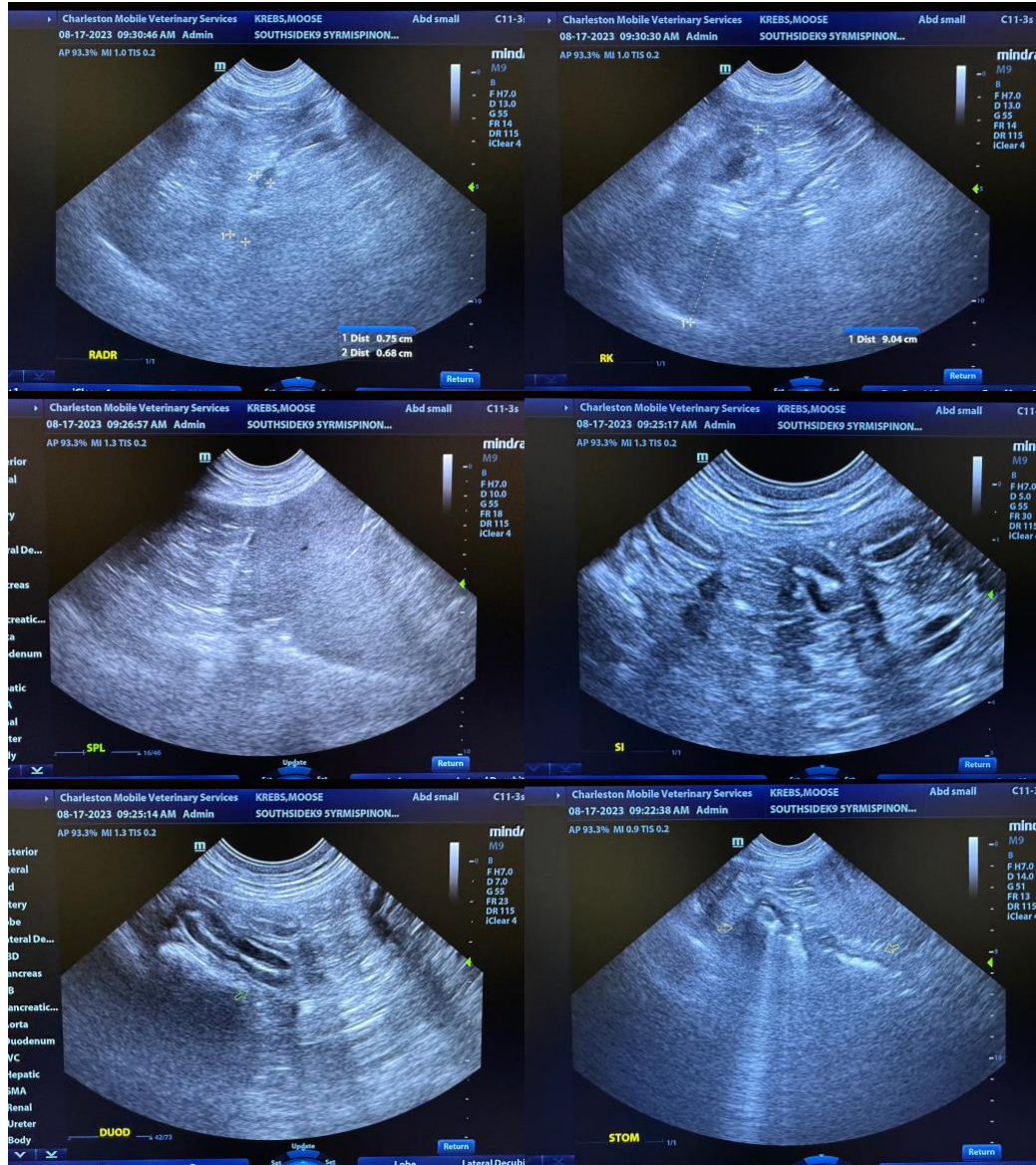
Dr Carroll

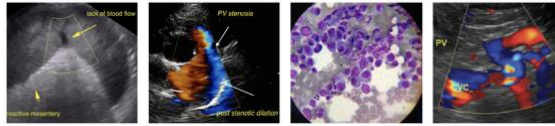
INVOICE

14139

DATE

8.17.23





PATIENT

Moose Krebs

SPECIES

Canine

BREED

Spinone Italiano

SEX

Male Intact

AGE

02/24/2018

WEIGHT

87.4 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

Southside AH

REFERRING VET

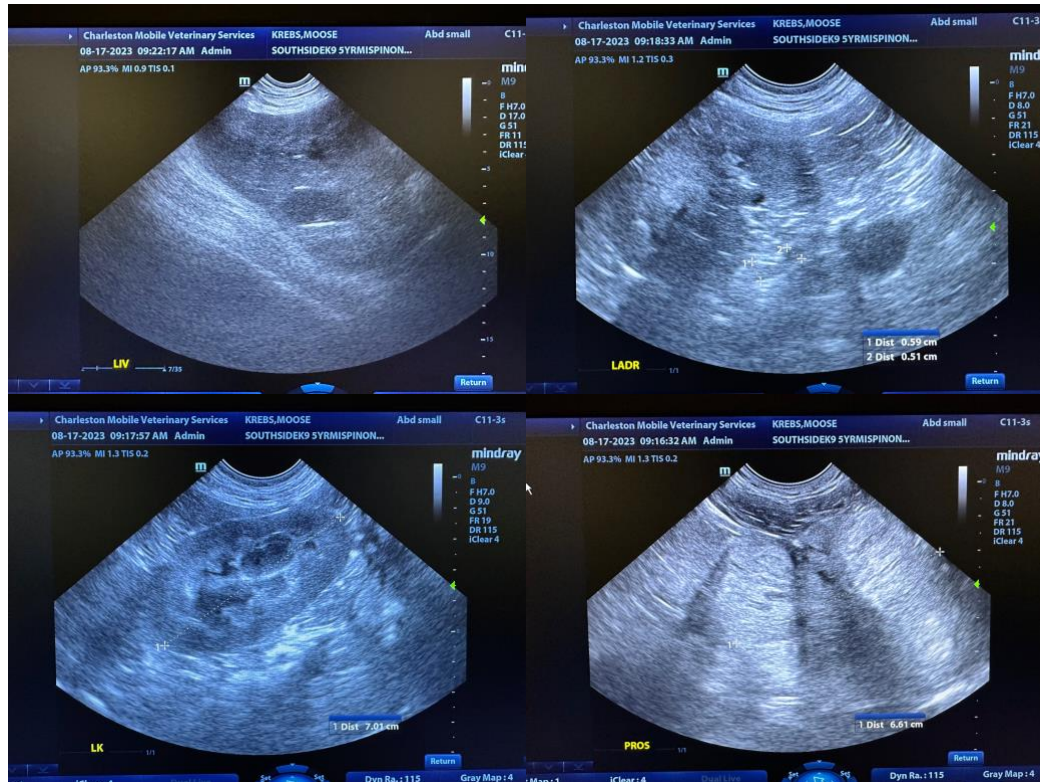
Dr Carroll

INVOICE

14139

DATE

8.17.23



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.

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