

PATIENT

Buddy Thom

PRESENTING CLINICAL SIGNS

History: Chronic hematuria, straining to urinate, enlarged spleen on rads today. Current meds: Gaba + Traz

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: UA: pH 8, WBC 4-10, RBC 21-50. Trans and Squ Epithelial cells SG: 1.023

BREED

Beagle

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

The urinary bladder is moderately distended. A > 3 cm irregular, heterogeneous, vascular mass is observed along the ventral wall. One to two focal irregularities are also observed along the dorsal wall. A moderate amount of suspended echogenic debris is observed within the lumen. No cystic calculi are observed.

SEX

Male Neutered

The prostate is enlarged (2.87 x 2.31 cm) with an irregular shape. The parenchyma is heterogeneous with hyperechoic to mineralized foci and an ill-defined hypoechoic to anechoic area on the left side. The prostatic urethra is not overtly dilated.

AGE

10 Years

The left kidney is normal size (5.52 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

27.6 lbs.

The right kidney is normal size (5.01 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.60 cm at cranial pole) (0.61 cm at caudal pole) (2.32 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

Jessica Miller

The right adrenal gland is normal size (0.80 cm at cranial pole) (0.58 cm at caudal pole) (1.91 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.

HOSPITAL NAME

ACC Landing

Spleen

The spleen is normal in size (1.72 cm in width at the level of the hilus) with a normal capsular contour. The parenchyma has a coarse echotexture. No focal lesions are observed. Splenic vasculature is normal.

REFERRING VET

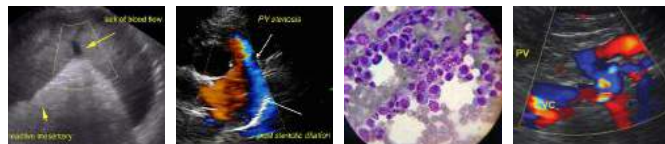
Dr. Casulli

Liver

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen with minor changes consistent with age-related remodeling. No focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are mostly anechoic. The cystic and common bile ducts are normal/not seen.

INVOICE
11823kk

DATE
9/15/21



PATIENT

Gastrointestinal

Buddy Thom

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 outflow tract is patent. 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 disease is noted.

SPECIES

Canine

Pancreas

BREED

Beagle

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.

SEX

Male Neutered

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

ULTRASONOGRAPHIC FINDINGS

AGE

10 Years

Primary Findings:

- Ventral urinary bladder mass with prostatomegaly. Infiltrative neoplasia (i.e., transitional cell carcinoma, prostatic adenocarcinoma) is considered likely with a low possibility of benign pathology (i.e., inflammatory disease).

WEIGHT

27.6 lbs.

Secondary Findings:

- Age-related renal and hepatic changes.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Three-view thoracic radiographs are recommended to assess for pulmonary metastatic disease.
- A urine BRAF test is recommended to further assess for lower urinary tract neoplasia. If results are inconclusive, consider a traumatic urethral catheterization with submission of the cells for cytology.

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

ACC Landing

REFERRING VET

Dr. Casulli

INVOICE

11823kk

DATE

9/15/21





PATIENT

Buddy Thom

SPECIES

Canine

BREED

Beagle

SEX

Male Neutered

AGE

10 Years

WEIGHT

27.6 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

ACC Landing

REFERRING VET

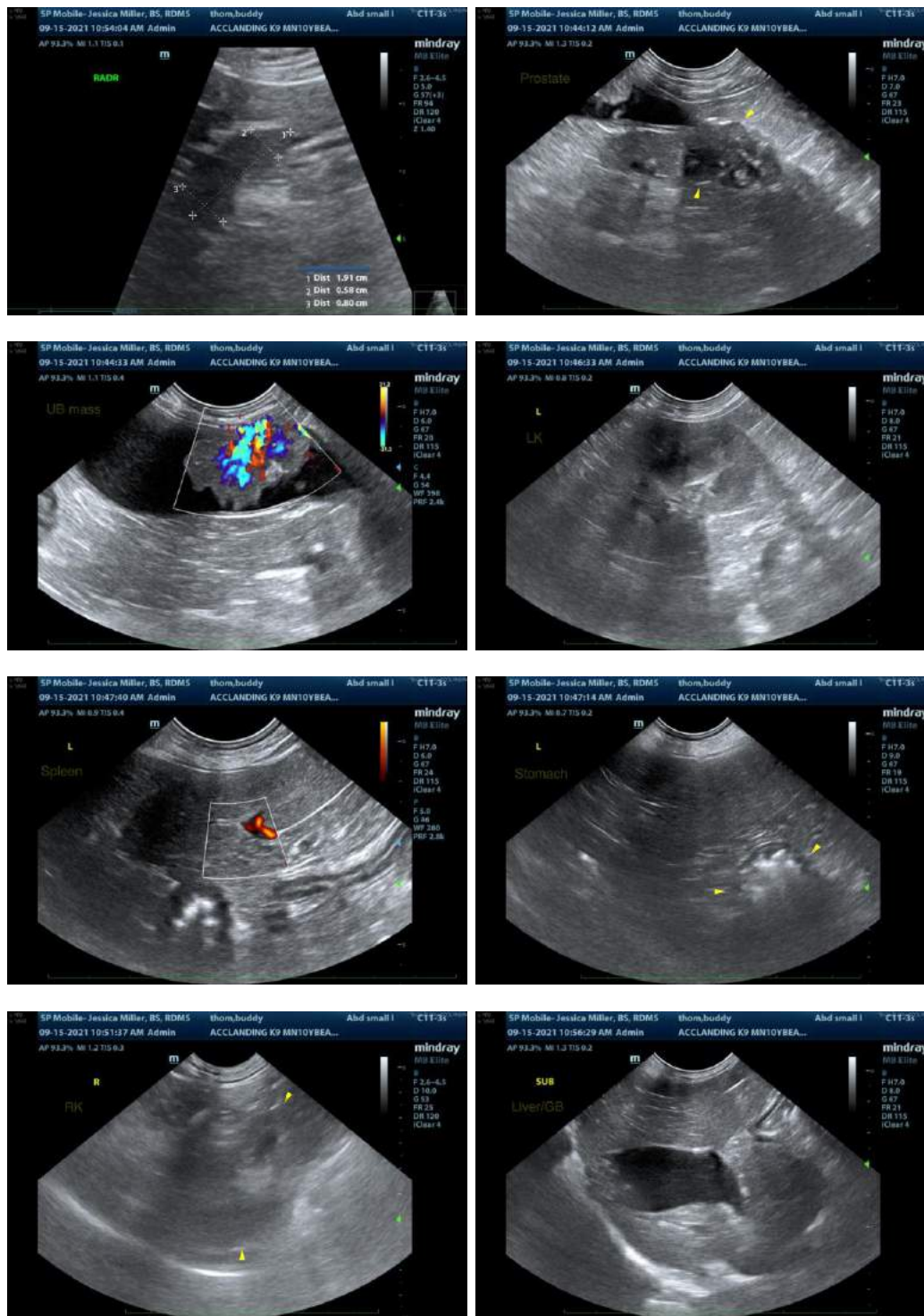
Dr. Casulli

INVOICE

11823kk

DATE

9/15/21



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.



PATIENT

Buddy Thom

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

Andrea.nicastro@sonopath.com

SPECIES

Canine

BREED

Beagle

SEX

Male Neutered

AGE

10 Years

WEIGHT

27.6 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Jessica Miller

HOSPITAL NAME

ACC Landing

REFERRING VET

Dr. Casulli

INVOICE

11823kk

DATE

9/15/21