



PATIENT

Leo Terizzi

PRESENTING CLINICAL SIGNS

History: Patient presents for possible BPH prostate; possible prostatic abscess.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results:

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

American Bulldog

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 cm, are normal.

SEX

Male Intact

The prostate is enlarged (> 5 cm in width) with an irregular shape. The parenchyma is diffusely heterogeneous in appearance with several ill-defined, cavitated areas with the largest measuring 1.80 x 1.38 cm. The prostatic urethra is not overtly dilated. The mesentery effacing the serosal surface is mildly reactive. An ultrasound-guided fine needle aspirate of the prostate was performed without incident during the exam.

AGE

8 Years

The left kidney is normal size (7.64 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 hydronephrosis. Renal vasculature is normal.

WEIGHT

74 lbs.

The right kidney is normal size (8.11 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 hydronephrosis. Renal vasculature is normal.

INTERPRETED BY

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

Adrenal Glands

IMAGING PERFORMED BY

Kelly Vazquez, CVT

The left adrenal gland is normal in length with a flattened contour (0.36 cm at cranial pole) (0.44 cm at caudal pole) (2.46 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

New Bridge Veterinary
Hospital

The right adrenal gland is small in size (0.62 cm at cranial pole) (0.49 cm at caudal pole) (1.68 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.

Spleen

REFERRING VET

Dr. Glennon

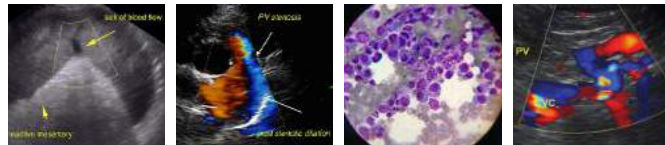
The spleen is normal in size (2.32 cm in width at the level of the hilus) with a normal capsular contour. The parenchyma is subtly mottled in appearance. A 1.50 x 0.88 cm irregular, ill-defined, avascular, cystic area is observed approximately mid-spleen near the hilus. Splenic vasculature is normal.

INVOICE
11972kk

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

DATE
10/7/21



PATIENT

Leo Terizzi

congestion. No pathological hepatic lymphadenopathy observed. The portal vein to caudal vena cava ratio is approximately 1:1. 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/not seen.

SPECIES

Canine

Gastrointestinal

The gastric lumen is mildly to moderate distended with ingesta and gas. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is segmentally gas-distended. 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. No obstructive disease is noted.

BREED

American Bulldog

Pancreas

The pancreas is normal in size with normal peripheral contours. The pancreatic duct is normal. The base and limbs of the pancreas are isoechoic to surrounding omental fat. No focal lesions are observed. There is no evidence of peripancreatic inflammation or effusion.

SEX

Male Intact

Free Abdomen

There is no evidence of free fluid. The abdominal lymph nodes are normal/not visible.

AGE

8 Years

Other

WEIGHT

74 lbs.

The left testicle measures 3.81 x 2.38 cm.

The right testicle measures 3.42 x 2.40 cm.

The testicles are subjectively normal in size and symmetrical with a normal shape and homogeneous parenchyma. No focal lesions are observed.

INTERPRETED BY

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

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- The prostate changes are consistent with benign prostatic hyperplasia and parenchymal cysts +/- bacterial prostatitis. Correlation with clinical findings is recommended. Prostatic neoplasia is possible but considered less likely in this intact patient. Caudal peritonitis is present, likely secondary to prostatic pathology.
- The cavitated splenic lesion may represent a benign cyst. Alternatively, an early neoplastic process (i.e., hemangioma, hemangiosarcoma) cannot be completely excluded.
- The diffuse splenic parenchymal changes are most consistent with benign pathology (i.e., lymphoid hyperplasia or extramedullary hematopoiesis) with a low possibility of infiltrative neoplasia.

Secondary Findings:

- The small adrenal glands may be a normal variant for this patient or may represent atrophy (i.e., secondary to hypoadrenocorticism). Correlation with clinical findings is recommended.
- Bilateral, age-related renal changes.

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

New Bridge Veterinary
Hospital

REFERRING VET

Dr. Glennon

INVOICE
11972kk

DATE
10/7/21



PATIENT

Leo Terizzi

SPECIES

Canine

BREED

American Bulldog

SEX

Male Intact

AGE

8 Years

WEIGHT

74 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kelly Vazquez, CVT

HOSPITAL NAME

New Bridge Veterinary
Hospital

REFERRING VET

Dr. Glennon

INVOICE

11972kk

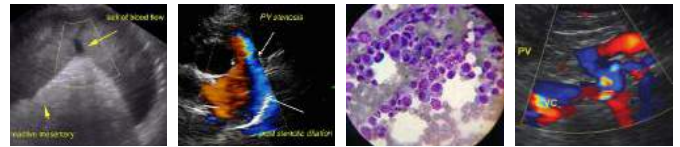
DATE

10/7/21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

1. A urine culture and sensitivity is recommended.
2. While awaiting urine culture and prostatic cytology results, empirical treatment for bacterial prostatitis (i.e., a fluoroquinolone) is recommended if the patient is exhibiting lower urinary tract signs.
3. Castration is also strongly recommended.
4. Given the patient's age, three-view thoracic radiographs are recommended prior to anesthesia.





PATIENT

Leo Terizzi

SPECIES

Canine

BREED

American Bulldog

SEX

Male Intact

AGE

8 Years

WEIGHT

74 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kelly Vazquez, CVT

HOSPITAL NAME

New Bridge Veterinary
Hospital

REFERRING VET

Dr. Glennon



INVOICE

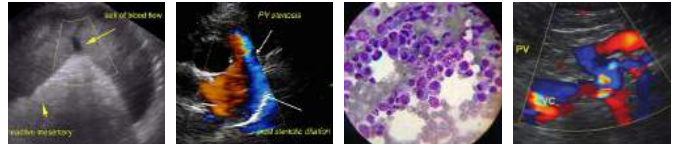
11972kk

DATE

10/7/21

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

Leo Terizzi

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

Andrea.nicastro@sonopath.com

SPECIES

Canine

BREED

American Bulldog

SEX

Male Intact

AGE

8 Years

WEIGHT

74 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kelly Vazquez, CVT

HOSPITAL NAME

New Bridge Veterinary
Hospital

REFERRING VET

Dr. Glennon

INVOICE

11972kk

DATE

10/7/21