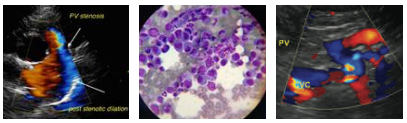
IMAGING PERFORMED BY

IntraPet.com



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
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DATE
3/22/22

PATIENT
Shishka Bobbitt

SPECIES
Canine

BREED
German Shepherd

SEX
Intact male

AGE
12/2/16

WEIGHT
73 lbs

INTERPRETED BY
Eric Lindquist, DMV DABVP, Cert. IVUSS

HOSPITAL NAME
Greenbrier VC

REFERRING VET
Dr. Boccanfuso

INVOICE
97091

PRESENTING CLINICAL SIGNS

Prostate checked by DVM at annual appt. DVM felt prostate was irregular/enlarged.
Current Medications: Dasuquin Advanced.
Lab Results: See attached.
Date of Previous IntraPet Ultrasound: No previous.
Sedation: Oral gabapentin, no further sedation required to complete full diagnostic ultrasound.
Stat Report: Not requested.
Imaging Performed By: Rachel Brilhart, RDMS.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The testicles presented minor parenchymal remodeling, yet the epididymis is normal in both testicles. The prostate was uniformly enlarged with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. These changes are suggestive of either chronic inflammatory episodes, benign cystic pathology or both. Underlying neoplasia cannot be completely ruled-out but is lower on the differential list. This presentation is most consistent with benign prostatic hyperplasia with possible active prostatitis. The prostate deviated the colon. The prostate measured 3.5 cm.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 8.26 cm. The right kidney measured 7.26 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 3.01 x 0.6 cm at the cranial pole and 0.61 cm at the caudal pole. The right adrenal gland measured 2.59 x 0.79 cm at the cranial pole and 0.6 cm at the caudal pole.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudal. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

The **liver** revealed slight coarse architecture with increased portal markings. History of cholangitis is likely in this patient, but appears subjectively stable. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Mild BPH prostate.
Mild hepatic remodeling.
Otherwise, unremarkable abdomen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If the patient is demonstrating signs consistent with prostatic hypertrophy then neutering is indicated. However, the following protocol can be considered.

Finasteride at 1 mg/kg/day can be utilized as an off-label approach to reducing prostatic size in BPH cases. Coverage for prostatitis would also likely be appropriate with Fluoroquinolone/Baytril or similar. A recheck sonogram is recommended in 3-4 weeks with reassessment of the urinalysis and evaluation of any inflammatory sediment.


IntraPet Imaging RBILLC
bobbit,shishka
Adult ABD
C6-2Gs
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mindray
LT
1 Dist 8.26 cm


IntraPet Imaging RBILLC
bobbit,shishka
Adult ABD
C6-2Gs
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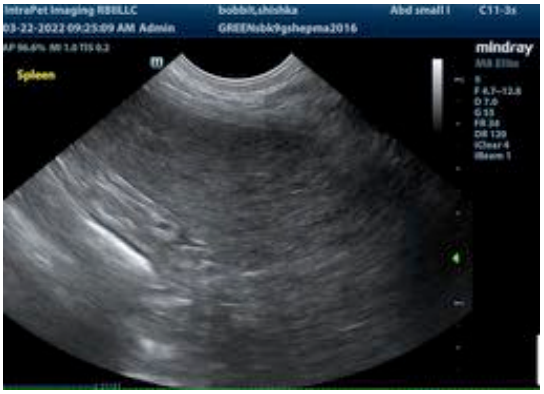
GREENnbk9gshepma2016
mindray
LT ADR
1 Dist 3.01 cm
2 Dist 0.60 cm
3 Dist 0.61 cm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bobbit,shishka
Abd small I
C11-3s
03-22-2022 09:25:09 AM Admin
GREENnbk9gshepma2016
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Spleen


IntraPet Imaging RBILLC
bobbit,shishka
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IntraPet Imaging RBILLC
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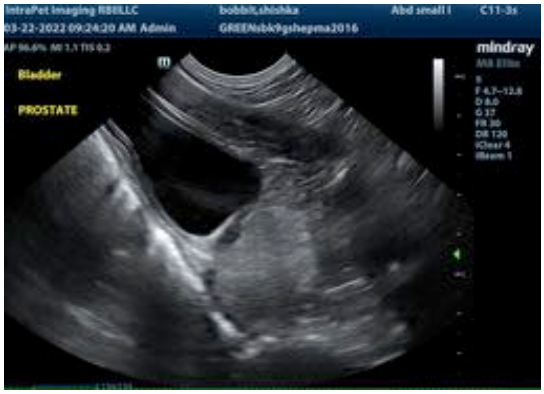
IntraPet Imaging RBILLC
bobbit,shishka
Abd small I
C11-3s
03-22-2022 09:24:20 AM Admin
GREENnbk9gshepma2016
mindray
Bladder
PROSTATE

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Eric.Lindquist@SonoPath.com