

PATIENT

Elvis Grateful
Dog Rescue

SPECIES

Canine

BREED

Pit bull Mix

SEX

MN

AGE

9 years

WEIGHT

74 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

**IMAGING
PERFORMED BY**

Lara Wiseman, DVM

HOSPITAL NAME

Village Royale Animal
Clinic

REFERRING VET

INVOICE

302764

DATE

2/18/22

PRESENTING CLINICAL SIGNS

History: Dermal masses.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: Pending.

Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal appearance and thickness of the wall. Focal irregular non-vascularized mural polyp-like lesion (0.8 x 1.6 cm) on the ventral aspect of the apical wall. Moderate amount of floating hyperechogenic sediment. No uroliths evident.

Normal trigone area, proximal urethra (0.41 cm), and iliac blood vessels.

Prominent iliac lymph nodes (0.6 x 1.8 cm) with normal shape and echogenic appearance. Ureters not visualized.

Normal renal size (left 6.6 cm, right 6.5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis. Focal cortical cyst (0.5 cm) in the left kidney.

Reproductive System

Normal size prostate (2.6 cm) with a diffuse hyperechogenic appearance and a normal appearance of the peri-prostatic tissue.

Adrenal Glands

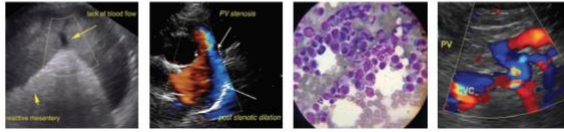
Normal shape, echogenic appearance, size, and position. Left 0.49 cm, right 0.47 cm.

Spleen

Normal size (1.9 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. Multiple hypoechogenic parenchymal nodules (up to 0.8 cm in size).

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.23 cm).



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Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.26 cm, duodenum 0.41 cm, jejunum 0.29 cm) and peristalsis, and no distension of the lumen.

Pancreas

Normal size (right 1.6 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Splenic nodules.
- Prostategaly.
- Urinary bladder nodule.

Secondary findings:

- Urinary bladder sediment.
- Iliac lymphadenomegaly.
- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the splenic nodules would be reactive, hematoma, granuloma, abscessation, and neoplasia.

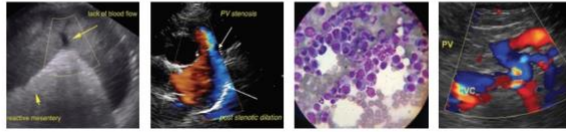
The most likely etiology for the prostategaly would be benign prostatic hyperplasia, but needs to be interpreted when the animal was neutered – if recent then an incidental finding, however, if he was neutered a long time ago then neoplasia needs to be considered.

Etiologies for the urinary bladder would be polyp, granuloma, or emerging neoplasia. Etiologies for the urinary bladder sediment would be cystitis (bacterial, sterile), hemorrhage, and crystalluria.

The iliac lymphadenopathy is most likely reactive with lymphadenitis and infiltrative neoplasia far less likely differential diagnoses.

Further assessment would be urinalysis, urine culture, FNA cytology of the splenic nodules, and catheter assisted biopsy of the urinary bladder lesion or BRAF assay.

Specific therapy would be dependent on an etiological diagnosis.



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IMAGES

Urinary bladder



Prostate



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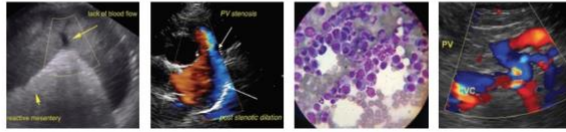
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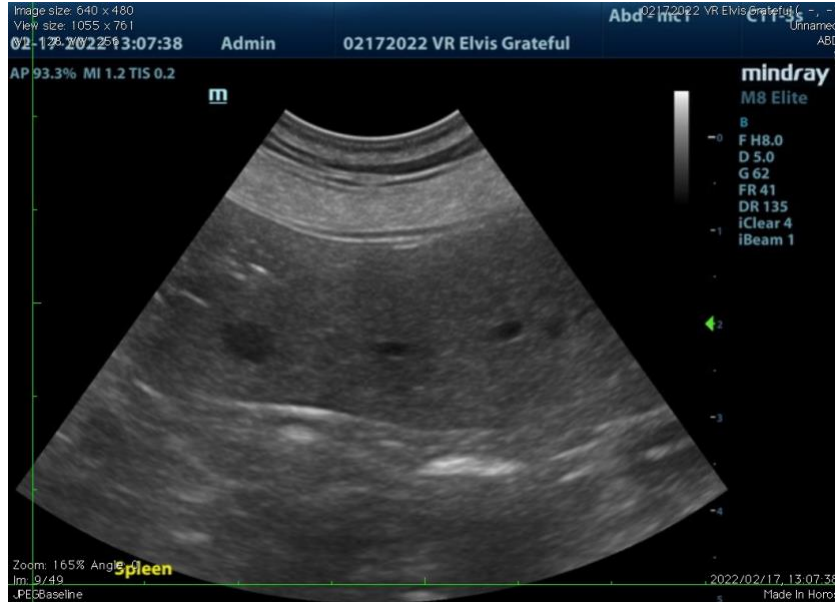
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Spleen



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.

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