



PATIENT PRESENTING CLINICAL SIGNS

Lady Vasquez
SPECIES
 Canine
BREED
 Poodle Mix
SEX
 FS
Age
 11 years
WEIGHT
 10 #
INTERPRETED BY
 Remo Lobetti, BVSc,
 MMedVet (Med), PhD, Dipl.
 ECVIM
IMAGING PERFORMED BY
 Sonya Myers, DVM
HOSPITAL NAME
 Oviedo Veterinary Care and
 Emergency
REFERRING VET
 Dr Chow

History: Hematuria.
 Physical Examination: N/A.
 Urinalysis: Hematuria.
 CBC: Severe thrombocytopenia.
 Serum Biochemistry: N/A.
 Radiographic Findings: N/A

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a thickened and irregular appearance of the wall, especially at the trigone area. Large amount of floating hyperechogenic sediment. No uroliths evident.

Normal trigone area, proximal urethra (0.4 cm), and iliac blood vessels.

Normal iliac lymph nodes (1.3 cm). Ureters not visualized.

Normal renal size (left kidney 3.8 cm, right 4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Bilateral pinpoint mineralization and small right-sided nephroliths (0.4 cm).

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.48/0.44 cm, right 0.42 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Focal hypoechogenic round vascularized parenchymal mass (1.2 x 1.3 cm) in the head of the spleen with small areas of cavitation and bulging of the overlying capsule.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.45 cm, jejunum 0.34 cm) and peristaltic activity, and no distension of the lumen. Ingesta within the stomach.

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PATIENT *Pancreas*

Lady Vasquez Normal size (right 1 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine Normal mesenteric lymph nodes (1.9 cm).
Small amount of ascites in the caudal abdomen.

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ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

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- Urinary bladder pathology.
- Splenic mass.
- Ascites.

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Secondary Findings:

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- Gall bladder sediment.
- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Etiologies for the urinary bladder would be bacterial cystitis, sterile cystitis, hematoma, and neoplasia.

Etiologies for the splenic mass would be hematoma, granuloma, hyperplasia, and neoplasia.

With the thrombocytopenia, the most likely etiology for the ascites would be hemorrhage.

The thrombocytopenia can be primary IMT or secondary to the splenic/urinary bladder pathology.

Initial assessment would be 3-view thoracic radiographs, urine culture and BRAF. Once the thrombocytopenia improves, FNA cytology of the splenic mass should be considered.

Specific therapy would be dependent on an etiological diagnosis.

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IMAGES

Urinary bladder



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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