



PATIENT

Sugar Ghassan

SPECIES

Canine

BREED

Swiss Shepherd

SEX

Female

AGE

11 Years

WEIGHT

24 kg

INTERPRETED BY

Dr. Lawrence McGill,
DVM, Ph.D., Diplomate,
ACVP

IMAGING PERFORMED BY

Dr. Iftikhar Raza

HOSPITAL NAME

Pawsitive Veterinary
Clinic Dubai Silicon
Oasis

REFERRING VET

Dr. Iftikhar Raza

INVOICE

71856

DATE

11/15/25

PRESENTING CLINICAL SIGNS

11 Years old Intact female German Shepherd dog came for check up as there is inflammation noticed around right inguinal teat, Abdominal Ultrasound scan was also done to check internal organs as a geriatric exam, Spleen parenchyma showed presence of multiple hypoechoic nodules, fine needle aspiration of splenic nodule was performed and submitted for evaluation.

CYTOLOGY SUBMISSION

Spleen.

OBSERVATIONS

Submitted are 38 images of RBCs and nucleated cells collected from the spleen in Sugar. The sample is hemodiluted. Many of the images only have one or two nucleated cells. There are some images that have groups of cells that are interspersed with platelets or clot material. There are prominent small lymphocytes and scattered aggregates of platelets and a few neutrophils in the collections. Malignant characteristics are not identified

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Hemodiluted sample with increased numbers of small lymphocytes suggesting lymphoid nodular hyperplasia or fibrohistiocytic nodules.

COMMENTS

The changes in this collection include large numbers of red blood cells supporting hemodiluted collection with no evidence of neoplasia or sepsis. There may be mild inflammation but the major cellularity consists of large numbers of small lymphocytes with scattered neutrophils and a few macrophages. Hemosiderin was identified in a few fields which could suggest intravascular hemolysis but this cellular change is nonspecific. Lymphoid nodular hyperplasia can occur secondarily as a nonspecific process or secondary to chronic inflammation in other parts of the abdomen or other organs including systemic inflammation. Continued evaluation for the potential of inflammation in other locations is encouraged. A guarded prognosis is warranted since this change is likely secondary.

CYTOLOGY IMAGE

Below is an image of a group of cells collected from the spleen in Sugar. There are many small lymphocytes with macrophages and there is some hemosiderin in this field.



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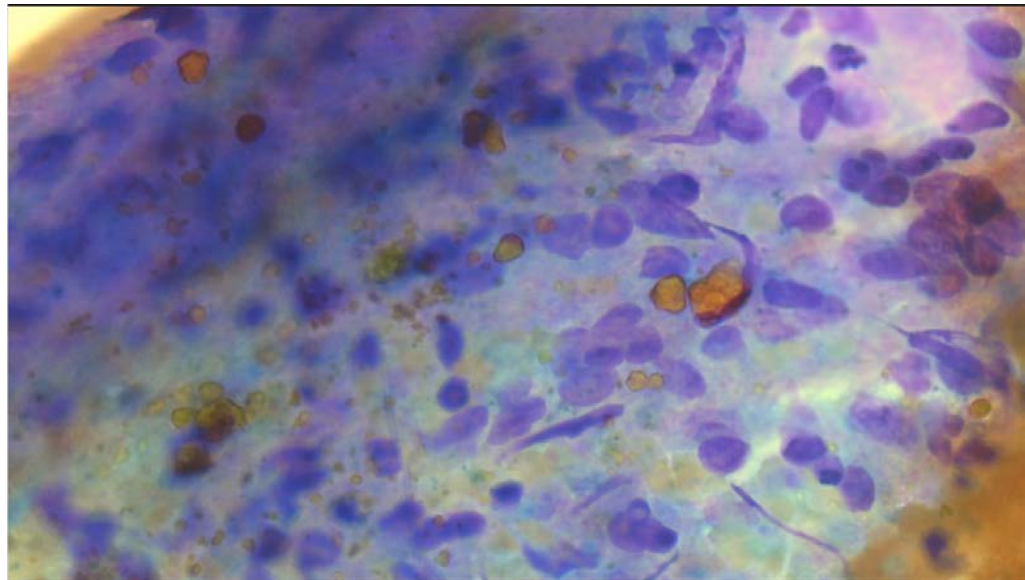
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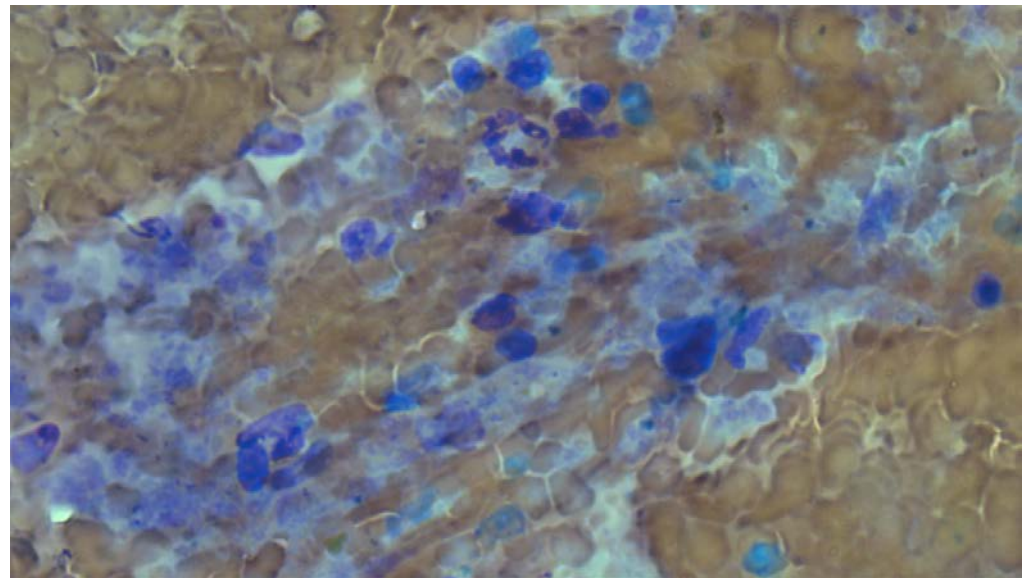
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Below is an image of a group of cells collected from the spleen in Sugar. Neutrophils, lymphocytes and aggregates of platelets are interspersed throughout this collection of red blood cells.



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

L.D. McGill, DVM, Ph.D., DACVP

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