

PATIENT

Harvey Castaneda

SPECIES

Canine

BREED

Mix

SEX

Neutered male

AGE

10 years

WEIGHT

50.5 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi

HOSPITAL NAME

Animal Care Center of
 Flanders

REFERRING VET

Dr. Hallihan

INVOICE

71128

DATE

2/2/26

PRESENTING CLINICAL SIGNS

- Spleen nodule/mass 1.96 x 1.50 cm
- Lethargic
- Positive Coombs, non regen anemia - search for cause/reason. IMHA - weak, depressed, 2/6 heart murmur
- Abnormal PE/Chem/CBC/UA Results: HCT - 27.9%, creat- 1.8, rbc - 4.99 (lo), hemoglobin - 10.2(lo) mcv - 56(lo), MCH - 20.4(lo), retic - 4.5(lo), potassium - 5.9(hi), amylase - 1530

CYTOLOGY SUBMISSION

FNA of the spleen

OBSERVATIONS

Spleen: Submitted are 3 excellent videos of very good to excellent collections of cells from the spleen in Harvey. The cellularity is mixed. Many of the fields contain neutrophils and macrophages. Other fields have large numbers of round cells, the majority of which are small to intermediate sized lymphoid cells with minimal cytoplasm. There are scattered reactive lymphoid cells and there are scattered plasma cells. Malignant characteristics are not identified in this collection but there is inflammation.

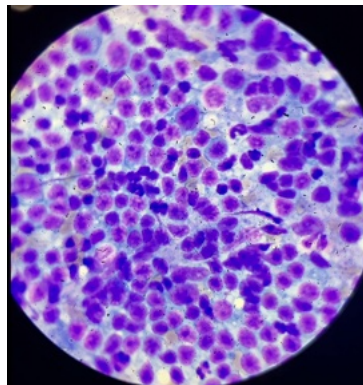
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

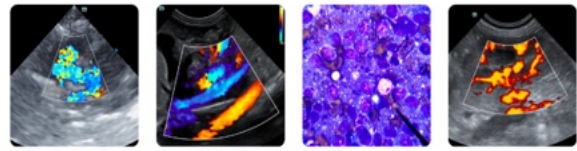
Spleen - Consistent with lymphoid nodular hyperplasia and chronic splenitis.

COMMENTS

The cellularity in this collection supports lymphoid nodular hyperplasia. There is evidence of inflammation in the spleen and there are plasma cells responding supporting an antigenic response as well. This could be contributing to the positive Coombs test. The low MCV suggests iron deficiency anemia and the most common cause in the dog is bleeding into the intestine. This could be secondary to pancreatitis or other lesions in the intestine. Evaluation for occult blood in the fecal material is encouraged. Again there is no suggestion of malignancy in this collection but there is inflammation and lymphoid nodular hyperplasia which often occurs secondary to inflammation in other organs. A guarded prognosis is warranted due to the fact that the underlying cause has not been confirmed in this collection.

CYTOLOGY IMAGE





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This is an image of lymphoid cells collected from the nodule in the spleen in Harvey. Note the presence of small to intermediate lymphoid cells and scattered neutrophils in this collection. There are reactive enlarged lymphoid cells present as well.

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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.

BREED

Mix

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.

SEX

Neutered male

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

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AGE

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Cell: 801-865-1220 Ldmcgill.vetpath@gmail.com

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