



DATE PRESENTING CLINICAL SIGNS

11/3/22

Weight loss and hyporexia for 1 month. Not eating much now, and has soft stools. FNA of spleen done with 25G needle, Propofol for sedation.

PE: BCS 2/9, severe muscle wasting, pendulous abdomen.

CBC/Chem (9/30/22): Alb 2.9, Ca 8.4, K+ 3.7, BUN 5.9

INTERPRETED BY

AUS: large irregular, mixed echogenicity splenic mass, marked hypoechoic and swollen mesenteric lymph nodes.

L.D. McGill, DVM,

h.D, DACVP

CYTOLOGY SUBMISSION

Spleen

PATIENT OBSERVATIONS

Viola Siderio

Spleen: Submitted are 8 excellent videos of cells collected from the spleen in Viola. Several of the videos demonstrate large numbers of round cells with small round nuclei. These cells have the pattern of mature lymphocytes. They are small and characteristic. Scattered neutrophils and rare reactive lymphoid cells were identified. Malignant characteristics were not identified in this cell population. There was another cell population of spindloid cells with anisocytosis and anisokaryosis. Some of these cellular changes suggest vascular endothelial structures. Some of the cytoplasm of these cells was slightly vacuolated.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Spleen - Several videos of apparent lymphoid tissue supporting lymphoid hyperplasia with other videos suggesting spindle cells such as hemangiosarcoma.

Australian Cattle Dog Mix

COMMENTS

The cellularity of the lymphoid elements suggest the possibility of lymphoid nodular hyperplasia. I did not identify malignancy in the lymphoid tissue. The spindloid cells suggest the possibility of hemangiosarcoma or possibly hemangioma. They could also be the result of some type of soft tissue proliferation or granulation tissue. The slides can be sent off for evaluation for PARR testing if further evaluation of the lymphoid cells is desired. Small cell lymphoma can be difficult to diagnose by cytology. The spindloid cells are of concern and a hemangiosarcoma is possible. A guarded prognosis is warranted due to those cells. Splenectomy certainly should be discussed and considered strongly.

SEX

Female Spayed

AGE

8y

WEIGHT

40 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Moore

INVOICE NUMBER

833



DATE

11/3/22

INTERPRETED BY

L.D. McGill, DVM,

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PATIENT

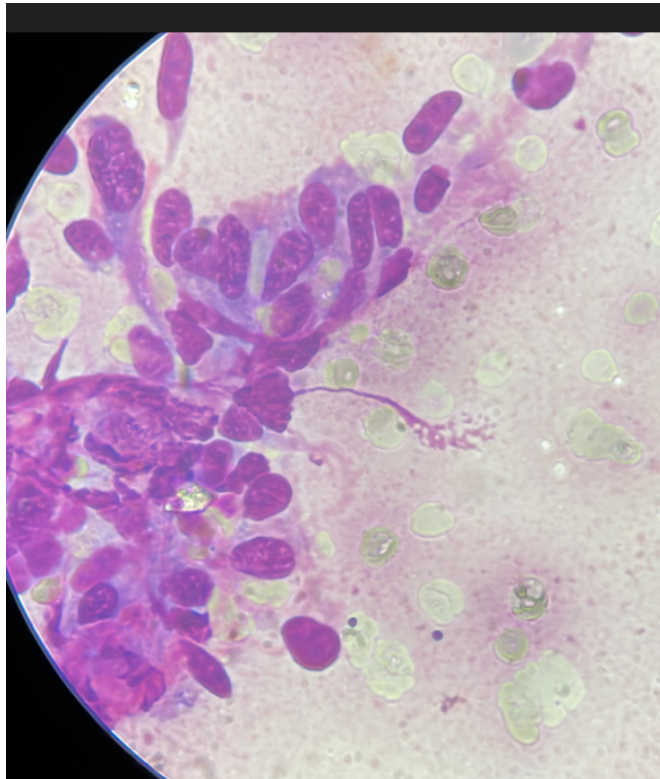
Viola Siderio

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Image shows a field of spindloid cells consistent with hemangiosarcoma cells collected from Viola. Further evaluation to confirm this diagnosis is in order.

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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