



**DATE PRESENTING CLINICAL SIGNS**

12/20/21

Waxing and waning enteritis signs with unremarkable lab work other than mild hemoconcentration with slight elevation globulin 4.9. rDVM noticed a small hypo echoic possibly cystic appearing abd lesion on ultrasound and requested further assessment.

**INTERPRETED BY**

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

Only thing noted on abd scan was an ovoid hypo echoic 1.3cm X 0.9 cm lesion in head of spleen (also splenomegaly but was sedated with butorphanol)  
Geriatric MN Standard Poodle in good coat and body condition, PE is unremarkable

**CYTOLOGY SUBMISSION**

FNA of Spleen

**PATIENT**

Gator Smith

**OBSERVATIONS**

Splenic mass: Submitted are 2 excellent videos and 3 images of cells collected from the mass on the spleen in Gator. There are minimal numbers of cells as you described which are all spindloid to polyhedral. Many of the cells have vacuoles in their cytoplasm. They appear to be aggregated in several locations. There is anisocytosis and anisokaryosis throughout this cellularity. Scattered cells have nucleoli in the nucleus.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Splenic mass - Spindle cell tumor suggestive of liposarcoma or possible fibrosarcoma.

**BREED**

Standard Poodle

**COMMENTS**

Sample The fact that you were unable to aspirate large numbers of cells goes along with some type of spindle cell proliferation. Those growths often do not release cells readily. The cells do suggest proliferation more than granulation tissue. The cells you have collected are all rather consistent with a spindle cell tumor. Confirmation of the mass will require exploratory and removal and a follow-up biopsy. If these cells were associated with a large number of red blood cells, I would be concerned about hemangiosarcoma, but they are not and thus a liposarcoma or fibrosarcoma or similar spindle cell proliferative process is likely.

**SEX**

Male Neutered

**AGE**

11y

**WEIGHT**

21.6kg

**HOSPITAL NAME**

Pacific Crest Mobile  
Vet. Svc/Nooksack AH

**REFERRING VET**

Dr. Boekennoegen

**INVOICE NUMBER**

70433

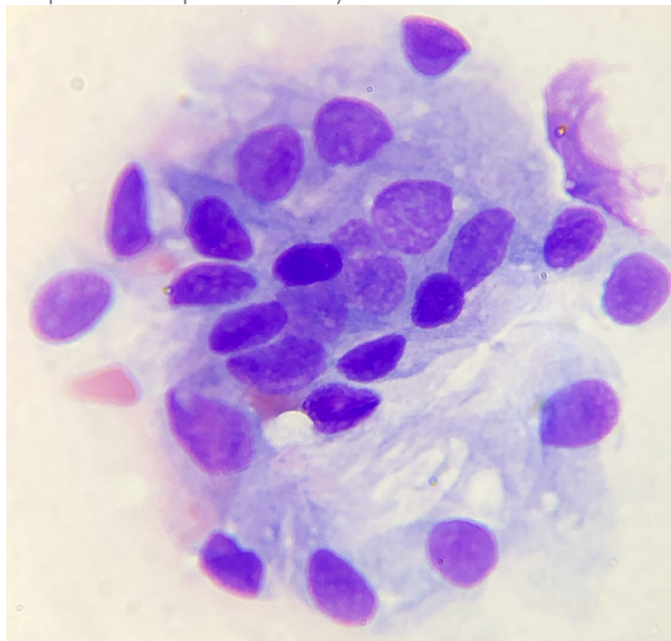


Image shows an excellent collection of spindle to polyhedral cells collected from Gator. Note the anisokaryosis in the cells.



**DATE**

12/20/21 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.

**INTERPRETED BY**

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

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.

**PATIENT**

Gator Smith

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