



**DATE PRESENTING CLINICAL SIGNS**

12/20/21

Splenic mass found while doing X-rays for rear leg lameness. FNA of mass in spleen.  
AUS: Apx. 5cm x 5cm mixed echogenicity mass in spleen, deviating splenic capsule. Possibly another smaller mass near the first one. No free fluid in abdomen, no pericardial effusion. Liver appears overall WNL. No lymphadenopathy.

**INTERPRETED BY**

BW: WNL  
RADS: irregular shaped spleen noted.

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

**CYTOLOGY SUBMISSION**

Spleen

**PATIENT OBSERVATIONS**

Betsy Rose Rowan

Spleen: Submitted are 8 excellent videos of cells collected from the spleen in Betsy Rose. The cellularity is mixed over much of the videos but there are multiple aggregates of spindle to polyhedral cells. These cells demonstrate anisocytosis and anisokaryosis. Some of the nuclei are quite large. Several of the cells have slight spindle patterns with various aggregates in different packets. There are some macrophages that have hemosiderin and degenerate debris. The rest of the cellularity is mixed including neutrophils, nucleated RBCs and a few lymphocytes.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Spleen - Spindle cell proliferation suggestive of hemangiosarcoma or other soft tissue sarcoma.

**BREED**

Golden Retriever

**COMMENTS**

The cellularity is mixed throughout the collection with inflammation and debris. There are some irregular cells that strongly suggest the possibility of a spindle cell sarcoma such as hemangiosarcoma. Splenectomy is certainly in order after observing these cells. A follow-up biopsy to confirm the process in the spleen is of course encouraged. These changes suggest the possibility of a neoplastic process and thus a guarded prognosis. If this turns out to be a hemangiosarcoma, evaluation of other locations including the heart for a primary source is encouraged.

**AGE**

9 y

**WEIGHT**

75 lbs

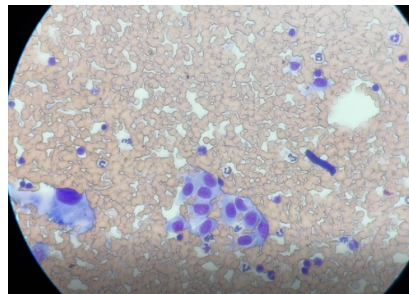


Image of cells collected from the spleen in Betsy Rose. Note the irregular spindle to polyhedral cells.

**HOSPITAL NAME**

Scanvet

**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.**

**REFERRING VET**

Dr. Ebersole

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.

**INVOICE NUMBER**

647



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

12/20/21  
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**INTERPRETED BY**

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

**PATIENT**

Betsy Rose Rowan

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

Female Spayed

**AGE**

9 y

**WEIGHT**

75 lbs

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

Dr. Ebersole

**INVOICE NUMBER**

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