



**DATE PRESENTING CLINICAL SIGNS**

10/13/21

6 week history of stranguria, pollakiuria and hematuria. AUS today showed large bladder mass protruding into lumen. Highly vascular on power doppler. Strong suspicion for TCC.  
UA: persistent severe hematuria and low SG (1.004 to 1.011)  
BW: Hct 41%, was 51% last year. TP 5.4. Rest WNL

**INTERPRETED BY**

Urine C&S: no growth

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

**CYTOLOGY SUBMISSION**

Urine Collection

**PATIENT**

Blazah Aube

**OBSERVATIONS**

Urine collection: Submitted are large numbers of videos and images of cells collected and concentrated from the urine collected from Blazah. There are good numbers of epithelial cells collected in this submission. Most of the epithelial cells appear to be mature although some are slightly irregular. There are clumps of cells that demonstrate markedly vacuolated cytoplasm but the nuclei are rather consistent. Many of the epithelial cells are full-sized epithelial cells. There are scattered crystalline structures in the collection. The epithelial cells in this collection do not demonstrate atypia. The collections of material with cells and amorphous material are suggestive of clot material with crystals present.

**SPECIES**

Canine

**BREED**

Brittany Spaniel

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Urine collection - Consistent with clot material and epithelial cells supporting a benign proliferative process such as polypoid cystitis.

**COMMENTS**

**SEX**

Female Spayed

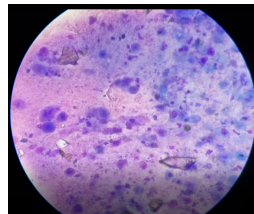
This cellular collection supports epithelial cells that could be responding to chronic irritation. I suspect that Blazah is having some crystalluria and may have stones. If those are not identified, then chronic irritation from this polypoid proliferative process could continue to cause irritation and sloughing of the epithelial cells. I did not identify any changes that would support infection. I can see why antibiotics were not beneficial because there is no bacterial infection in this collection. The only means of therapy is to do surgery on the bladder and remove the mass and submit it for biopsy. There is still an outside possibility of a urothelial carcinoma but the cells we have in this collection are not supportive of that diagnosis.

**AGE**

9y

**WEIGHT**

46 lbs



**HOSPITAL NAME**

Scanvet

Image shows the clumped material which I think is clot collected from Blazah. Note the crystals in the material.

**REFERRING VET**

Dr. Ebersole

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.

**INVOICE NUMBER**

612



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

10/13/21  
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L.D. McGill, DVM,  
Ph.D, DACVP

**PATIENT**

Blazah Aube

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