



**DATE PRESENTING CLINICAL SIGNS**

12/15/21

Obstipated and severe abdominal distension. Diabetic, well controlled on diet. BG yesterday 133. Abdominal tap and cytospin of fluid.  
PE: severe abdominal distention, muscle wasting, dilated pupils OU, questionable vision.  
AUS: abundant free fluid, bright echogenic mesentery, nodular changes in pancreas +/- mesentery.  
Abd Tap: SG 1.033, slt cloudy fluid, very pale in color.

**INTERPRETED BY**

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

**CYTOLOGY SUBMISSION**

Abdominal fluid

**OBSERVATIONS**

**PATIENT**

Stella Congdon

Abdominal fluid: Submitted are 10 excellent videos of cells collected and concentrated from the fluid in the abdominal cavity in Stella. There are massive numbers of reactive mesothelial cells interspersed with neutrophils. Degenerate debris is prominent. There are scattered packets of cells that are somewhat irregular. These cells have a foamy cytoplasm. They did not stain as well as the reactive mesothelial cells. Well-preserved and individualized carcinoma cells were hard to identify since they can look like mesothelial cells. The mesothelial cells were definitely extremely active.

**SPECIES**

Feline

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Abdominal fluid - Severe suppurative peritonitis with scattered aggregates of cells suggestive of carcinoma.

**BREED**

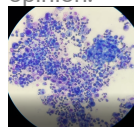
DSH

**COMMENTS**

Comments: The cellularity in this collection strongly suggests a very severe inflammatory process and very likely there is some bacterial infection. There are packets of cells scattered throughout that have vacuolated cytoplasm and pale staining cytoplasm. These aggregates of cells appear to be somewhat different from the mesothelial cells. I suspect that they are carcinoma cells. Degeneration is occurring secondarily in the collection and the bacterial infection if present is likely secondary. Exploratory will have to be utilized to confirm the diagnosis but with the poor body condition and these irregular aggregates of cells, carcinomatosis with secondary bacterial infection appears to be the most likely cause of problems in this abdominal cavity in Stella. An unfavorable prognosis is warranted in my opinion.

**AGE**

14y



**WEIGHT**

10 lbs

Image shows massive numbers of neutrophils and prominent reactive mesothelial cells collected from the abdominal fluid in Stella. There is a clump of cells in the upper right that is suggestive of carcinoma cells.

**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.**

**HOSPITAL NAME**

Scanvet

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.

**REFERRING VET**

Dr. Giroux

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**INVOICE NUMBER**

643



**DATE**

12/15/21

**INTERPRETED BY**

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

**PATIENT**

Stella Congdon

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Female Spayed

**AGE**

14y

**WEIGHT**

10 lbs

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

Dr. Giroux

**INVOICE NUMBER**

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