



## PATIENT

Silvestre Khalifa

## SPECIES

Feline

## BREED

DSH

## SEX

Male

## AGE

1 Year

## WEIGHT

Not Provided

## INTERPRETED BY

Dr. Lawrence McGill,  
DVM, Ph.D., Diplomate,  
ACVP

## IMAGING PERFORMED BY

Dr. Islam Khalifa

## HOSPITAL NAME

The Pet Vet - Dubai

## REFERRING VET

Dr. Islam Khalifa

## INVOICE

73916

## DATE

3/22/26

## PRESENTING CLINICAL SIGNS

Presented with fever of unknown origin, has leukocytosis and neutrophilia with normal chemistry.

On ultrasound has splenomegaly with honeycomb appearance of parenchyma, FNA done from spleen

Negative Felv/FIV

## CYTOLOGY SUBMISSION

Spleen.

## OBSERVATIONS

Submitted are 5 excellent images and one excellent video of the cells collected from the spleen in Silvestre. There is a background of red blood cells but there are large numbers of nucleated cells. A large number of cells are neutrophils interspersed with nucleated red blood cells. There are scattered macrophages and in one or two instances I thought there were red blood cells in the cytoplasm. Malignant characteristics are not identified but there is certainly severe inflammation with prominent nucleated red blood cells throughout the smear.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Large numbers of neutrophils and nucleated red blood cells consistent with inflammation and red blood cell regeneration.

## COMMENTS

The cellularity in this collection suggests the possibility of a rather severe chronic inflammatory process and with some phagocytosed red blood cells, I wonder about the possibility of an immune mediated anemia with extensive inflammation in the spleen. Another possibility would be some type of hemoprotozoa in the blood with inflammation. With the spleen being this large and there being that many neutrophils, a systemic inflammatory process seems most likely. Continued evaluation for the presence of systemic inflammation and the source for that type of inflammation is encouraged. A guarded prognosis is warranted since this appears to be a secondary process.

## CYTOLOGY IMAGE

This is a representative image of the cells collected from the spleen in Silvestre. Note the large numbers of neutrophils and nucleated red blood cells.



## PATIENT

Silvestre Khalifa

## SPECIES

Feline

## BREED

DSH

## SEX

Male

## AGE

1 Year

## WEIGHT

Not Provided

## INTERPRETED BY

Dr. Lawrence McGill,  
DVM, Ph.D., Diplomate,  
ACVP

## IMAGING PERFORMED BY

Dr. Islam Khalifa

## HOSPITAL NAME

The Pet Vet - Dubai

## REFERRING VET

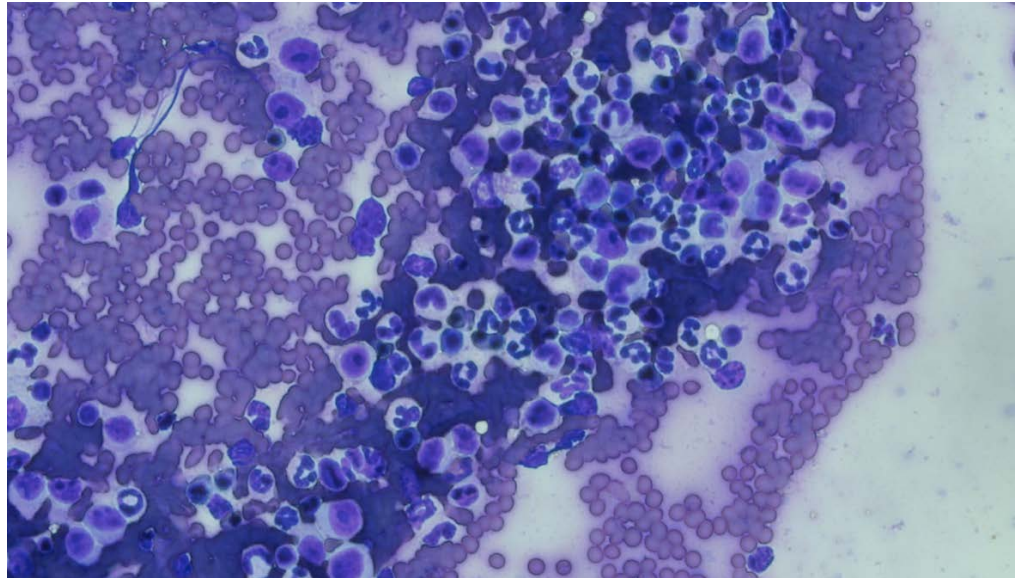
Dr. Islam Khalifa

## INVOICE

73916

## DATE

3/22/26



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

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

8288 Top of the World Dr. Cottonwood Heights, UT 84121

Cell: 801-865-1220 [Ldmcgill.vetpath@gmail.com](mailto:Ldmcgill.vetpath@gmail.com)