



PATIENT

Kai Pawsitive

SPECIES

Canine

BREED

German Shepherd

SEX

Male

AGE

9 Years

WEIGHT

25 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Inam ul Haq

HOSPITAL NAME

Pawsitive Veterinary
Clinic Dubai Silicon
Oasis

REFERRING VET

Dr. Inam ul Haq

INVOICE

71859

DATE

11/16/25

PRESENTING CLINICAL SIGNS

Acute onset of profound lethargy and ataxia. The RDVM sent the patient for cardiac ultrasound. On cardiac ultrasound, copious amount of anechoic pericardial effusion with some regions of hyperechoic of pericardial effusion was noticed. No mass was identified on cardiac ultrasound. ultrasound guided fine needle aspiration of the effusion was done and submitted for examination

CYTOLOGY SUBMISSION

Pericardial effusion.

OBSERVATIONS

Submitted are 88 very good images of hemodiluted fluid collected from the pericardium in Kai. The samples are very hemodiluted with scattered nucleated cells and there are very few images that have more than one or two cells in them. The nucleated cells are scattered neutrophils, rare lymphocytes and macrophages and scattered eosinophils. There is no suggestion of malignancy or sepsis. These changes all suggest acute hemorrhage.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Hemorrhagic effusion with no suggestion of any specific process.

COMMENTS

There are no changes in this collection that would suggest neoplasia or sepsis. The cellularity is mixed and not specific. With the scattered eosinophils, I wondered about the possibility of heart worms but I cannot make that diagnosis. No other significant cellular change is identified although there are a few neutrophils that appear to have some toxic change. This could suggest mild inflammation in the cardiac region. How this relates to the cells present, I cannot confirm. A guarded prognosis is warranted since the underlying process is not identified in this collection.

CYTOLOGY IMAGE

The image below demonstrates a neutrophil with some toxic changes, a group of platelets and a lymphocyte collected from the pericardial effusion from Kai.



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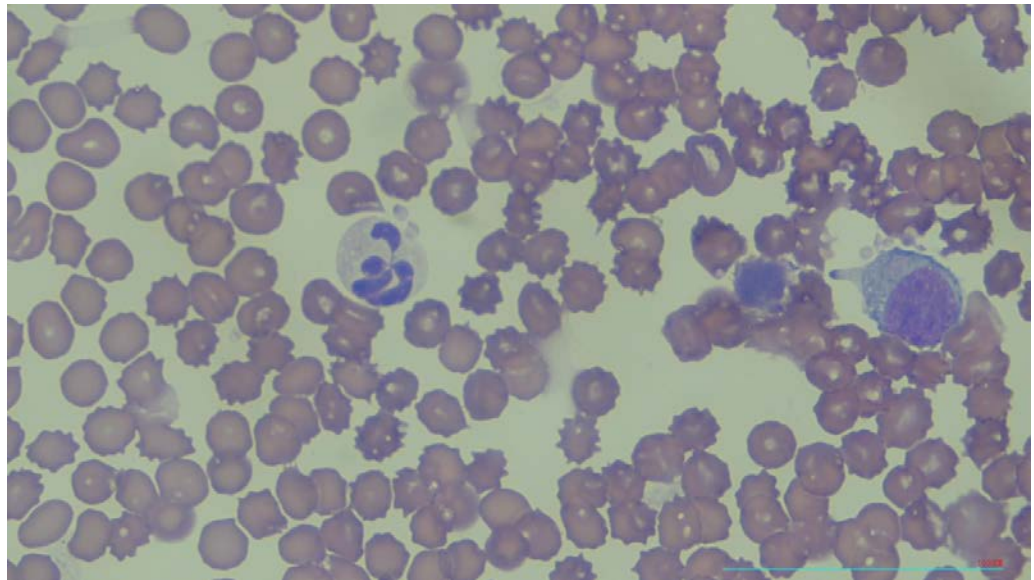
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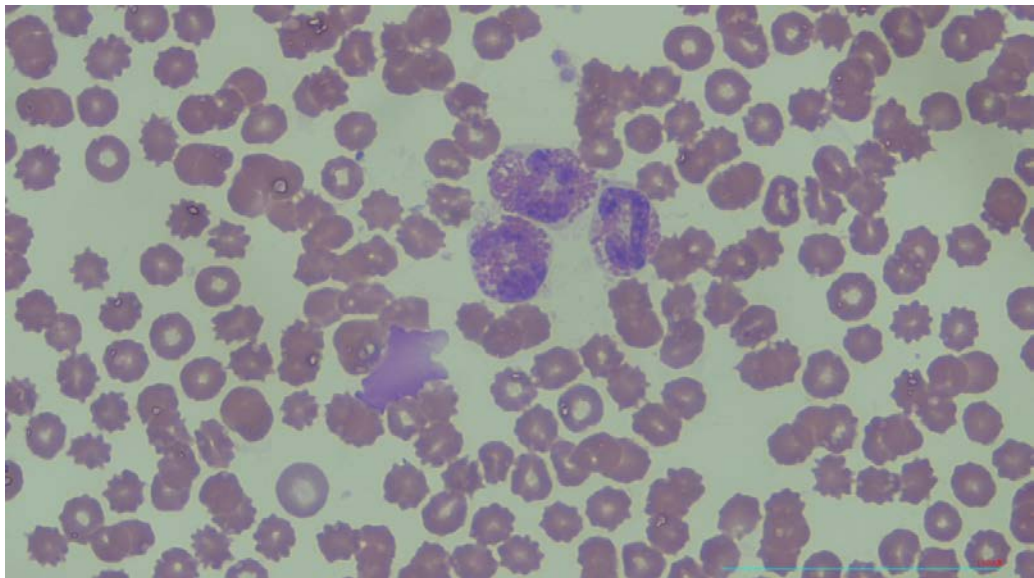
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The image below demonstrates a group of eosinophils interspersed throughout the red blood cells collected from the pleural effusion in Kai.



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

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