



DATE PRESENTING CLINICAL SIGNS

1/25/23

Hx GDV sx 8/2019. Chronic diarrhea, inappetence x3 days. Sub lumbar mass/LN enlargement, large liver cyst (dark brown fluid removed)
Liver cyst fluid: Culture pending

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA Liver Cyst - Cytospin Effusion

PATIENT

Gunner SanGiorgio

OBSERVATIONS

Liver cyst: Submitted are 4 excellent videos of material collected from the liver cyst in Gunner. The majority of the cells appear to be degenerate and contracted. There appear to be large numbers of red blood cells that are staining dark. Other cells are neutrophils and macrophages. Rare macrophages are identified. There is degenerate debris and protein in the collection and some crystalline material. This collection is nonspecific with evidence of degeneration.

SPECIES

Canine

BREED

German Shepherd

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver cyst - Necrotic debris with protein, crystals and apparent degenerate cells.

SEX

Male Neutered

COMMENTS

The collection suggests a degenerative cystic process. It does not appear to be a bacterial infection. It is most characteristic of some type of benign cystic structure such as a biliary cyst with some degeneration. There is some calcified material in the collection. Crystalline material is present which can occur in biliary cysts. I am unable to identify any evidence of malignancy or sepsis, but this appears to be a benign cystic structure. Draining may be beneficial. Exploratory and further evaluation may be required to confirm the process.

AGE

7yr

WEIGHT

86.8#

HOSPITAL NAME

Newton Veterinary
Hospital

REFERRING VET

Dr. Kim

INVOICE NUMBER

40651



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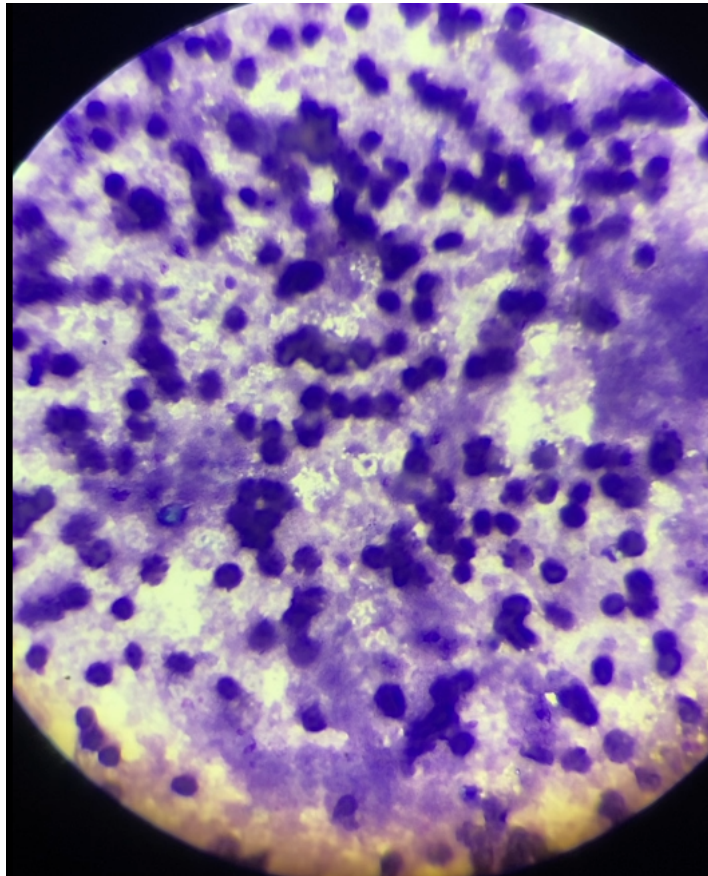


Image shows a representative field of material from the cyst in Gunner. The round structures may be degenerate RBCs or neutrophils. The background supports protein and debris.

AGE

7yr

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.

WEIGHT

86.8#

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.

HOSPITAL NAME

Newton Veterinary
Hospital

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