



**DATE PRESENTING CLINICAL SIGNS**

9/16/22

History: Liver FNA post Ultrasound  
inappetent for several days; lymphocytosis rule out Current Medications Famotadine - once daily 2x a week - gave 2-3 days in a row - not today Thyro-Tab 0.1mg - 1 tablet twice a day - got this am PROIN 25mg - 1/4 tablet twice a day - got this am Vetoryl 5mg - 1 capsule twice daily along with 10mg vetoryl (7 am and 7 pm) Vetoryl 10mg - 1 capsule twice a day with the 5mg dose at night (7 am and 7 pm) Benazpril HCL 5mg - Give 1/2 tablet by mouth twice daily for high blood pressure Tramadol 50mg - Give 1/4 tab by mouth 2x/day - giving daily to help with joint pain/walking-Giving 1/2 tablet by mouth twice daily for high blood pressure Tramadol 50mg - Give 1/4 tab by mouth 2x/day - giving daily to help with joint pain/walking

**INTERPRETED BY**

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

**PATIENT**

Cricket Rabidoux

Giving 1/2 tab at BID Gen Teal drops - 1 drop in both eyes 2-3x/ day Tacrolimus 0.03% Ophthalmic Solution(compounded)1-drop in the right eye 2 a week EDTA 1% drops - 1 drop into the left eye 2 x a day - per SM Baytril ear drops DEX SP added.

**SPECIES**

Canine

Triz Ultra Keto base Use provided solution to flush right ear ONCE daily until recheck in one week. Supplements given: Hemp chew: gave 1 today Benadryl - 1/2 tab twice daily Oravet chews 1 chew per day Welactin - daily

**CYTOLOGY SUBMISSION**

**BREED**

Terrier mix

FNA of Liver

**OBSERVATIONS**

**SEX**

FS

Liver: Submitted are 4 excellent videos of cells collected from the liver in cricket. The cellularity consists of good collections of hepatocytes. They are surrounded by a few red blood cells and rare inflammatory cells. Lymphocytes and neutrophils are present. The hepatocytes demonstrate irregular vacuolization and slight granularity of the cytoplasm. There is anisokaryosis in the hepatocytes and anisocytosis. Binucleated hepatocytes were observed. Some of the vacuoles are rather large supporting lipid.

**AGE**

13 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

11 lbs

Liver - Hepatocellular vacuolization and granularity with changes consistent with nodular hyperplasia.

**COMMENTS**

**HOSPITAL NAME**

Whole Pet Veterinary  
Care

There are no changes in this tissue that would support neoplasia or sepsis. The changes support nodular hyperplasia and vacuolization. The vacuolization could be secondary to steroid hepatopathy or secondary to vacuolar hepatopathy. The nodular hyperplasia changes are suggested by the binucleated cells and some of the nuclei that are enlarged. These are all changes that are likely secondary to the liver cells from secondary irritation. Continued evaluation for other problems in the abdominal cavity is encouraged. Cricket may also be responding to all of the therapeutic products secondarily. I did not see any life threatening changes in these hepatocytes.

**REFERRING VET**

Dr. DeMarco

**INVOICE NUMBER**

40606



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Ph.D, DACVP

**PATIENT**

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**SPECIES**

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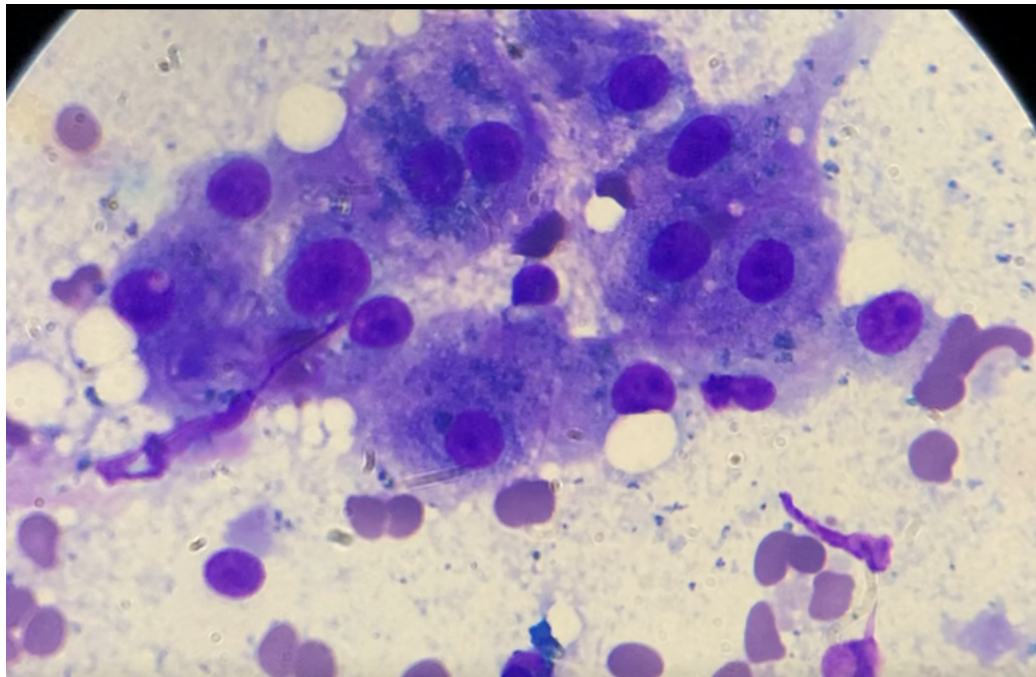


Image shows some of the lipid vacuoles and the prominent anisokaryosis of the hepatocytes in Cricket. There is minimal cellularity surrounding the hepatocytes.

**SEX**

FS

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.

**AGE**

13 years

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.

**WEIGHT**

11 lbs

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