



DATE PRESENTING CLINICAL SIGNS

5/5/23

Patient presented for abdominal U/S 5/5/23. Liver appeared enlarged, coarse, hyperechoic, and patchy.

INTERPRETED BY CYTOLOGY SUBMISSION

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

FNA of Liver

PATIENT

Jeter Zoulas

OBSERVATIONS

Liver: Submitted are 26 images of cells collected from the liver in Jeter. The majority of the cells are hepatocytes. The hepatocytes demonstrate vacuolization and granularity. Lipid is prominent in many of the cells and there is some free lipid in the surrounding fluid. There is no suggestion of neoplasia but vacuolization and lipidosis appears to be prominent. There is one clump of cells that are different from hepatocytes. These cells are slightly rounded with prominent cytoplasm. The nuclei demonstrate anisokaryosis. I am interpreting these as superficial reactive mesothelial cells.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Moderate hepatocellular lipidosis consistent with feline fatty liver syndrome and a group of reactive superficial mesothelial cells.

BREED

DSH

COMMENTS

The hepatocellular changes support lipidosis and early feline fatty liver syndrome. This supports the likelihood that Jeter was a large cat with some fat and has now undergone anorexia. This will certainly result in hepatic lipidosis and feline fatty liver syndrome. The reactive mesothelial cells support inflammation on the surface. I was unable to identify any suggestions of neoplasia or sepsis. Fatty liver syndrome can also be due to pancreatitis or enteritis in the cat. Continued evaluation of other sources or causes for anorexia is encouraged. A guarded prognosis is warranted.

AGE

6y

WEIGHT

14.8 lb

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Anna St.Sir

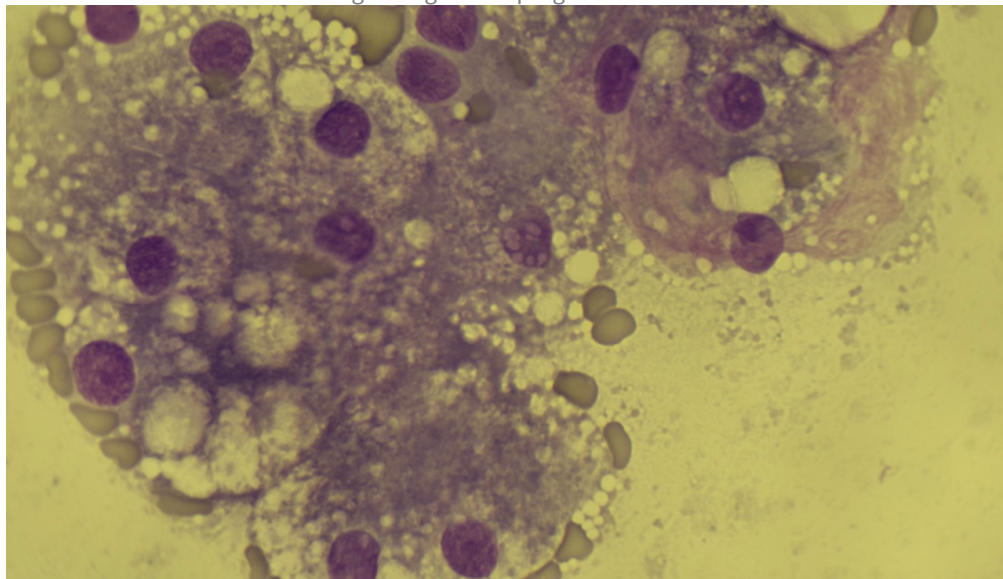


Image shows a group of hepatocytes with lipid vacuoles collected from Jeter. Note the various sizes of vacuoles.

INVOICE NUMBER

40718



DATE

5/5/23

INTERPRETED BY

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

PATIENT

Jeter Zoulas

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

6y

WEIGHT

14.8 lb

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Anna St.Sir

INVOICE NUMBER

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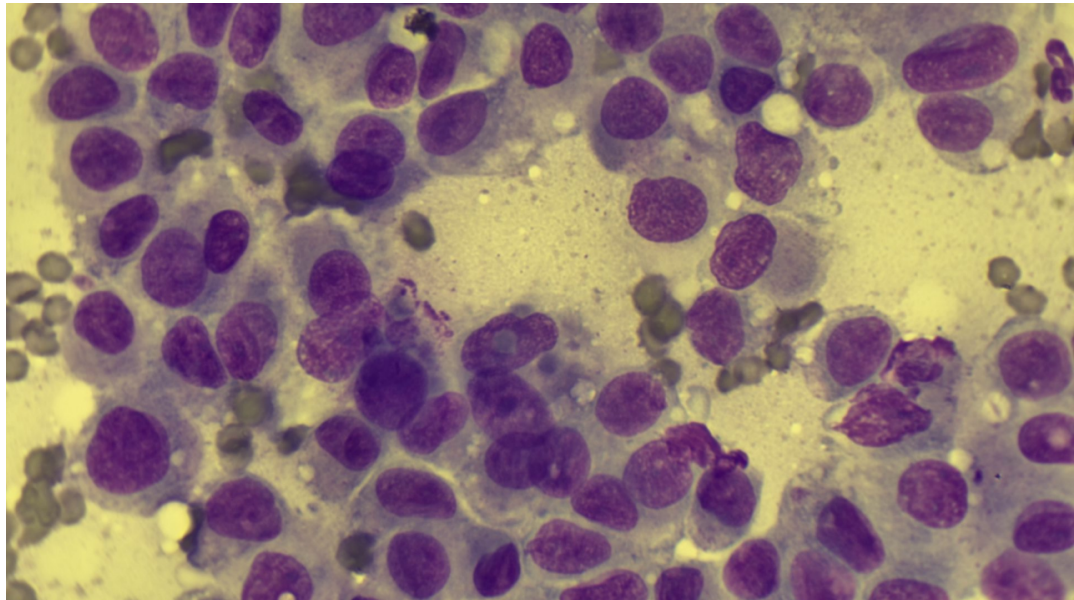


Image shows the round cells with anisokaryosis collected from the liver aspirate in Jeter. This was the only image of these cells which I interpret as superficial reactive mesothelial cells.

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.

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.

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