



PATIENT

Sydney O'Neill

SPECIES

Canine

BREED

Mix

SEX

Spayed female

AGE

14 years

WEIGHT

17.4 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Christine LVT

HOSPITAL NAME

Rotterdam VH

REFERRING VET

Dr. Anna St Sir

INVOICE

77819

DATE

5/21/26

PRESENTING CLINICAL SIGNS

History: Ultrasound performed, noted a 3.5cm mass extending from liver. Completed chemotherapy last year (6/25) for pleomorphic sarcoma (diagnosed January 2025).

CYTOLOGY SUBMISSION

FNA of the liver mass was submitted

OBSERVATIONS

Liver mass - Spindloid to polyhedral cells suggesting sarcoma with secondary chronic inflammation.

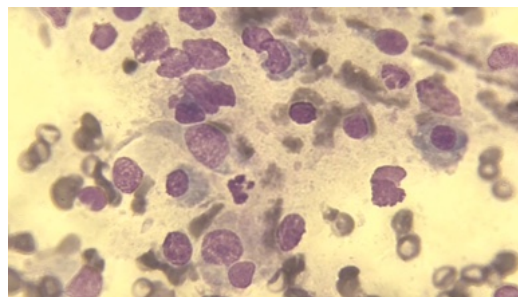
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Liver mass: Submitted are 14 excellent images and 3 excellent videos of moderate to excellent collections of cells from the liver mass in Sydney. The cellularity in many of the images and fields consists of polyhedral to spindloid cells with prominent anisokaryosis and anisocytosis. Multi nucleated giant cells are observed. I did see one mitotic figure. Interspersed throughout the red blood cells and these irregular spindloid to polyhedral cells are mixed inflammatory cells including neutrophils, lymphocytes and macrophages.

COMMENTS

The cellularity in this collection did not include any hepatocytes. These cells have all the characteristics of a sarcoma. This suggests the possibility of metastasis from the aggressive sarcoma of the past. Excision of the mass may prolong life but there certainly is extensive inflammation and evidence of a proliferative process. Confirmation of that diagnosis will require surgical intervention and biopsy. Other tissues may be involved as well. A guarded to unfavorable prognosis is warranted after identifying the cells in the mass attached to the liver.

CYTOLOGY IMAGE



This is an image of spindloid to polyhedral cells interspersed with inflammatory cells collected from the liver mass in Sydney.



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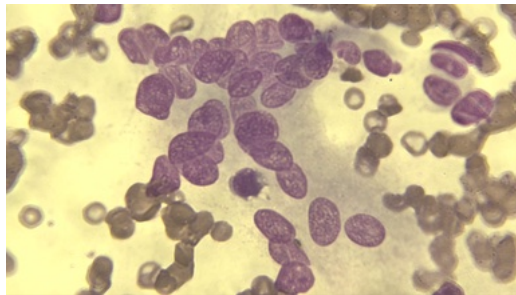
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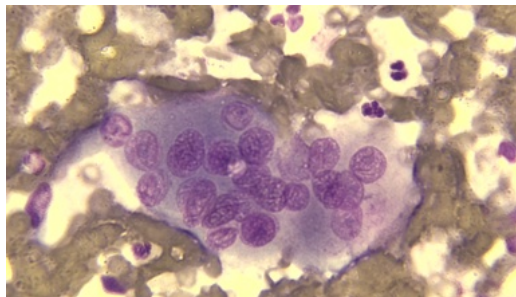
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This is an image of polyhedral and spindle cells collected from the attached liver mass in Sydney.



This image demonstrates one of the tumor giant cells collected from the attached liver mass in Sydney.

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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