



DATE PRESENTING CLINICAL SIGNS

3/22/22

USG FNA of heart base/mediastinal mass. Current medications are Enalapril, Pimobendan and Lasix.

PE: Heart murmur 4/6.

Abd US: overall WNL

INTERPRETED BY

Echo: severe MR, moderate TR, likely PH and large hyperechoic mass visible next to PA and Aorta. Extends into cranial thorax/mediastinum.

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

CYTOLOGY SUBMISSION

Upper pleural cavity mass

PATIENT

Spot Foster

OBSERVATIONS

Upper pleural cavity mass: Submitted are 11 excellent videos of moderate to excellent collections of cells from the upper pleural cavity mass in Spot. The cells in this collection are rather consistent with round nuclei. The round nuclei are surrounded by indistinct cytoplasm in many cases are very light bluish gray cytoplasm and others. There are scattered mitotic figures in the cells. These are characteristic cells from a mass in the pleural cavity of the dog.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Upper pleural cavity mass - Neuroendocrine carcinoma strongly suggestive of aortic body carcinoma

BREED

King Charles Cavalier

COMMENTS

This is an excellent collection of cells with large numbers of cells that are characteristic of neuroendocrine tumors in the dog. At this location, the growth is likely an aortic body tumor. There are mitotic figures which will be included in the photo and this supports a carcinoma. Excision of the mass may result in some improvement and prolong the life in Spot but an unfavorable prognosis is expected in the long run.

SEX

Male Neutered

AGE

13y

WEIGHT

22lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Ebersole

INVOICE NUMBER

695

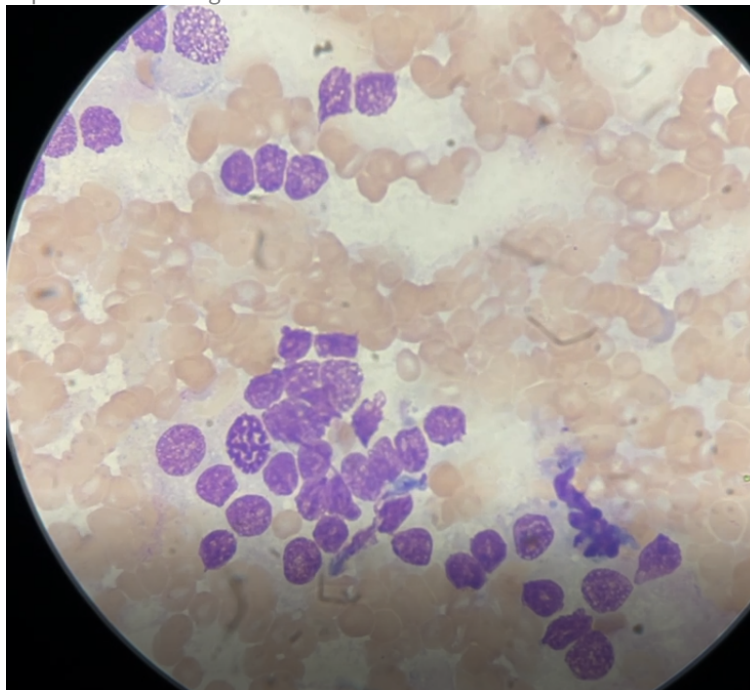


Image demonstrates a representative group of cells collected from Spot. There are 2 early mitotic figures in this collection. The cells are characteristic neuroendocrine tumor cells.



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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.

INTERPRETED BY

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

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.

PATIENT

Spot Foster

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