



**DATE PRESENTING CLINICAL SIGNS**

1/25/22

Patient presents for firm, bilateral neck mass. Mass was previously sampled by DVM and cytology results from that sample were: aspiration of salivary gland tissue. U/S findings: "A focal hypoechoic nodule (4.0 cm x 3.0 cm) was noted in the left thyroid lobe and could be consistent with an enlarged parathyroid, not likely clinically significant for this particular patient. A mixed echogenic tissue mass was noted. The mass appears to derive from the subcutaneous tissues and has a disorganized fat pattern- granulomatous change or liposarcoma possible. Ultrasound guided FNA performed without complication. The mass appears to be somewhat encapsulated with mixed hypoechoic nodules. CT of the region recommended for possible surgical planning. The thyroid glands do not appear to be involved. A second parathyroid nodule measured 3.0 mm and was slightly prominent in the left thyroid gland. The right thyroid lobe was uniform, measuring 2.01 cm x 0.27 cm."

**INTERPRETED BY**

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

**PATIENT**

Ollie Gelbert

**CYTOLOGY SUBMISSION**

FNA of Neck mass

**SPECIES**

Canine

**OBSERVATIONS**

Neck mass: Submitted are a large number of images of cells collected from the neck mass on Ollie. The cellularity is demonstrating large numbers of round to slightly irregular cells with prominent nuclei. Many of the nuclei have pleomorphic to irregular nucleoli. The cells are quite large with nuclei that are 4 to 8 times the size of red blood cells. The cells are aggregated and irregular. There are scattered neutrophils in the smears. There is a background of protein and scattered aspirated material.

**BREED**

Cavalier King Charles

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Neck mass - Proliferative cellularity suggestive of neuroendocrine cellularity such as thyroid gland carcinoma or possible parathyroid carcinoma with secondary necrosis and inflammation.

Male Neutered

**COMMENTS**

The cellularity in this collection is suggesting a proliferative process. I'm concerned about thyroid gland or parathyroid gland proliferation. There are occasional cells that suggest the possibility of lymphoma, but the majority of the cells do not. There is secondary inflammation and necrosis which is likely interfering with interpretation. Exploratory and excision of the mass is certainly in order. A guarded prognosis is warranted.

**WEIGHT**

35 lbs

**HOSPITAL NAME**

New Bridge Veterinary  
Hospital

**REFERRING VET**

Dr. Glennon

**INVOICE NUMBER**

70454



**DATE**

1/25/22

**INTERPRETED BY**

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

**PATIENT**

Ollie Gelbert

**SPECIES**

Canine

**BREED**

Cavalier King Charles

**SEX**

Male Neutered

**AGE**

8-year-old

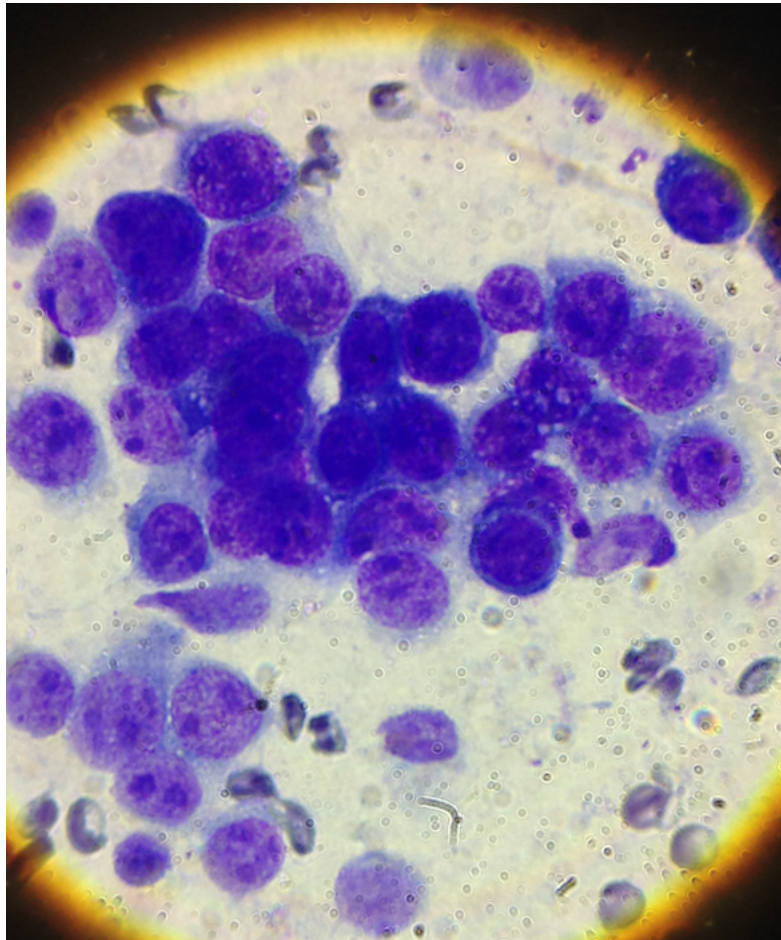


Image of some of the cells collected from the neck mass on Ollie. Note the anisokaryosis and anisocytosis. There are irregular multiple nucleoli.

**WEIGHT**

35 lbs

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.

**HOSPITAL NAME**

New Bridge Veterinary  
Hospital

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