

FILE 1

## LYMPH NODE CYTOLOGY IN A MASTIFF DOG WITH A GINGIVAL MASS

**P. Monti, F. Taylor, J. Archer**

The Queen's Veterinary Hospital, Department of Veterinary Medicine, University of Cambridge

### SIGNALAMENT:

Canine, Mastiff cross, male entire, 10-year-old.

### HISTORY:

The dog was referred to the Queen's Veterinary School Hospital for further investigation of a gingival mass. The mass was noticed one week before presentation. No other complaints were reported by the owner.

### CLINICAL FINDINGS:

On presentation the dog was bright, alert and responsive. Body condition was good. The cardiovascular, respiratory and abdominal examinations were unremarkable. A 2cm by 3cm irregular red mass was present in the gingiva of the rostral mandible occupying the area between the mandibular canine teeth, with some displacement of the left lower incisors. The left submandibular lymph node was enlarged (2 cm x 1 cm).

### LABORATORY DATA:

Complete blood count and basic biochemistry profile were within the reference intervals.

A wedge biopsy of the mass was taken and submitted for histopathology and a fine needle aspirate of the left submandibular lymph node was taken for cytological examination.

What are your differential diagnoses?

Look at the images and interpret the photomicrographs.

Fig 1 – Left submandibular lymph node.

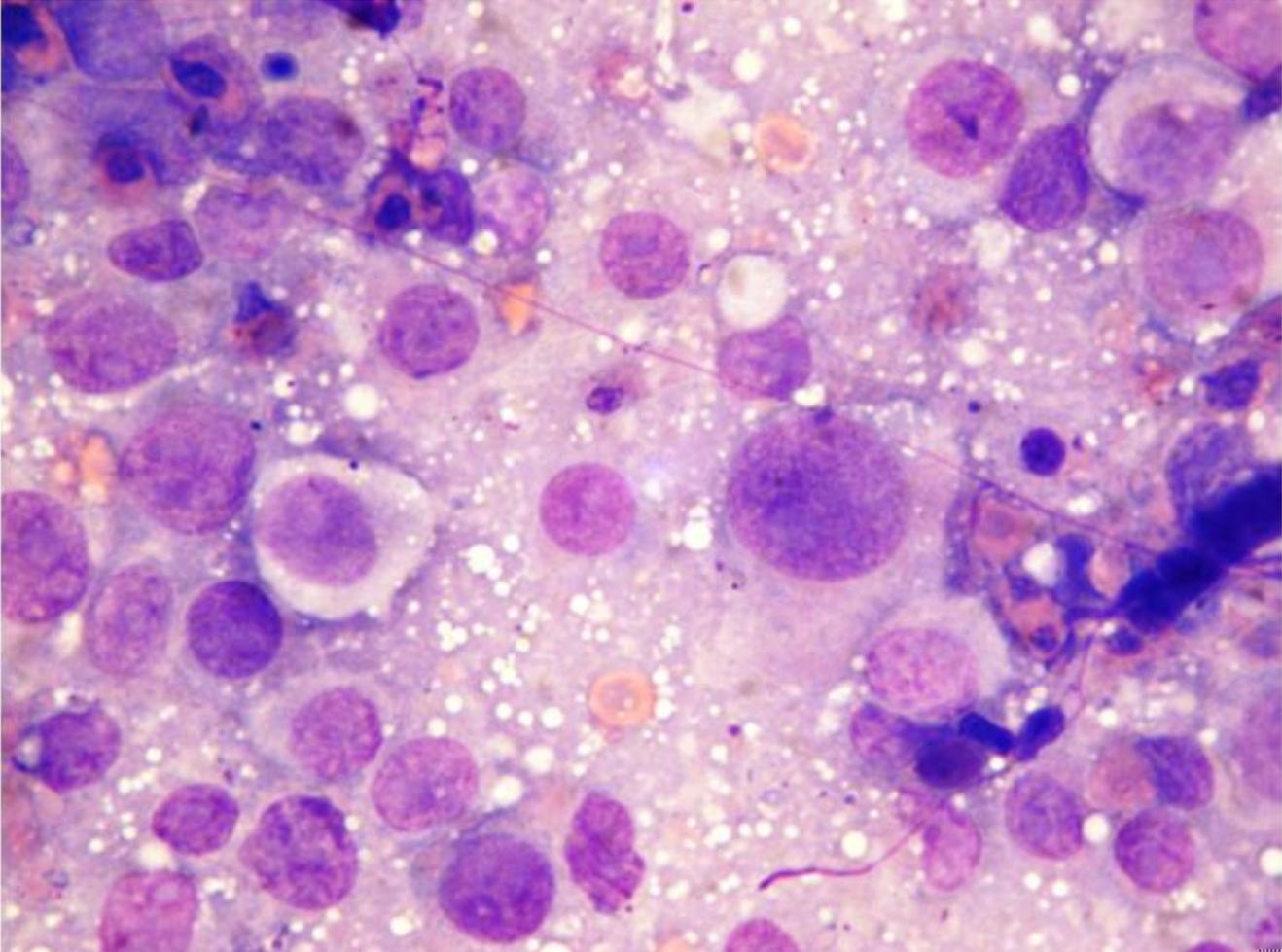


Fig 2 – Left submandibular lymph node.

