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**PATHOLOGY REPORT**

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| **Species: canine** | **Breed: mixed** | **Pathology Lab No: UoN D11** |
| **Age: 3 years** | **Sex: female** | **Previous Lab No(s): N/A** |
| **Owner: Fenwick** | | **Date received: 23.06.2010** |
| **Animal name/ID: Suzy** | | **Date of Necropsy: 23.06.2010** |
| **Body weight:** 16.35kg | | **Photographs:** |
| **Referring Veterinary Surgeon:**  **SB Vets**  **Main Street**  **Sutton Bonington**  **LE12 5ND** | | |
| **Clinical Features/history:**  **Lymphoma** | | |

**History:**

Home veterinarian - The dog was initially presented to the vet with lump on the neck. She was bright, drinking and eating normally. Dog was a rescue animal and previous medical history unknown. Palpation identified enlarged submandibular and popliteal lymph nodes. Palpation of the swollen area suggested a soft tissue mass. The dog was admitted for FNA of lymph nodes, haematology and thoracic and abdominal radiography. Haematology and radiography were unremarkable. The FNA findings were consistent with lymphoma. Outcome: Dog was euthanized.

**Gross Description:**

The body examined is of an entire female, 16.35kg, mixed bred in good body condition. There are clipped areas over the jugular vein and the left submandibular lymph node regions and a catheter is still in place in the right cephalic vein.

The submandibular and popliteal lymph nodes are of increased size.

Gross photos are taken and included at the end of the report.

**Gross Morphological Diagnoses:**

Lymph nodes: Localised Lymphadenopathy, presumed lymphoma.

Thymus: within normal limits..

Liver: within normal limits

Spleen: within normal limits

Kidneys: within normal limits

Subcutis, jugular area of ventral neck: Oedema and haemorrhage.

**Comment:**

Lymphoma small cell

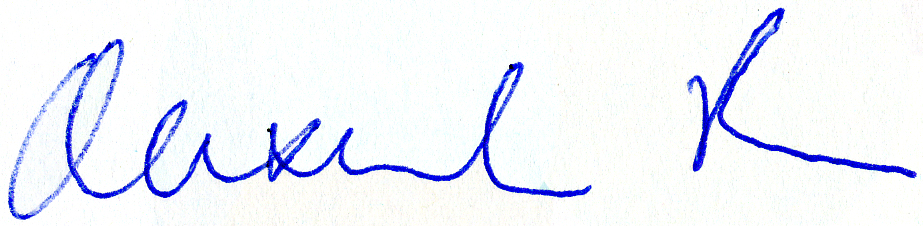
**Histopathology:**

Slide 1- Lymph node (popliteal): The architecture is effaced and replaced by atypical lymphoid cell.

**Final Diagnosis:**

Lymphoma involving submandibular and popliteal lymph nodes.

**Pathologist: Alexandra Brower, DVM, DACVP**



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A charge will not be applied to this case.



Fig 1. Enlarged popliteal lymph node

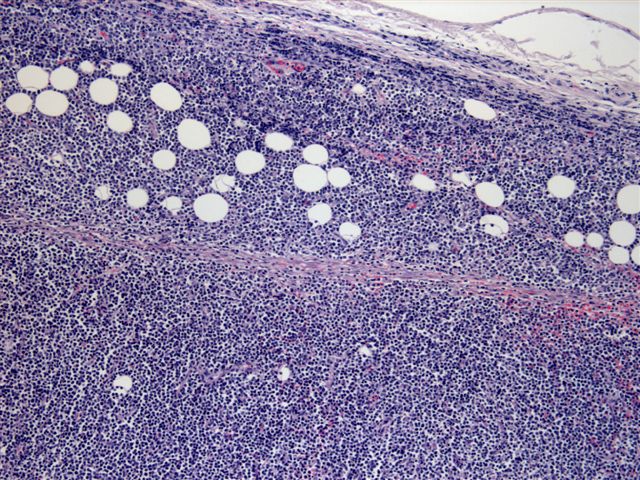


Fig 2 & 3:Histopathology of popliteal lymph node: The normal follicular architecture has been replaced with sheets of blue, corresponding to a clonal population of lymphoid cells. Lymphoid cells have expanded beyond the capsule of the lymph node, residual fat cells entrapped