

## **Low-budget Protocol with Lomustine and Prednisolone Application for a Dog with Multicentric Lymphoma**

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**Signalment.** A 9-year-old, female, Maltese dog (2.15kg of body weight) was referred to the Veterinary Medical Teaching Hospital, Chungnam National University with cervical mass, abdominal masses and petechia.

**Results.** Physical examination at the time of presentation showed masses in mandibular, prescapular, inguinal, popliteal lymph node, and abdominal subcutaneous hemorrhage. Blood analysis revealed mild anemia, and leukopenia. Enlargement of mandibular, popliteal lymph node, liver, and spleen were observed by radiography. Echogenicity of spleen and sublumbar lymph node were observed by ultrasonography. Immature lymphocyte was observed by fine needle aspiration in several lymph nodes. Number of masses were observed in cranial mediastinal by computered tomography. Immature lymphocyte was observed by core biopsy. The dog was diagnosed as multicentric lymphoma as WHO clinical stage Iva, and this dog was treated with lomustine and prednisolone as a first-line therapy.

**Clinical relevance.** Low-budget protocol with lomustine and prednisolone showed good prognosis in a dog with multicentric lymphoma.

Key words: multicentric lymphoma, lomustine, prednisone, dog

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