CANINE LYMPHOMA IN A NATIVE BREED OF DOG

Binod Kumar Jena, Chandrasekar, M., Balagangatharathilagar, M., Jeyaraja, K., Nambi, A.P., Thirunavukkarasu, P.S. and Prathaban, S.

Department of Veterinary Clinical Medicine, Ethics and Jurisprudence
Madras Veterinary College, Chennai-600 007

A male labrador dog 9yrs weighing 19 kgs was brought to Madras Veterinary college teaching hospital with a complaint of lumps in the body. Clinical examination revealed normal body temperature, heart rate and respiratory rate. Physical examination revealed enlargement of mandibular lymph node, popliteal lymph node, prescapular lymph node. Dimensions of lymph nodes were measured with vernier calliper and left side mandibular lymph node, prescapular lymph node and popliteal lymph node showed 4.1 cm x 5.5 cm, 3.2 cm x 7.7 cm, 0.3 cm x 0.5 cm. respectively. Right side mandibular lymph node, prescapular lymph node, popliteal lymph node showed 5.2 cm x 5.6 cm, 3.5 cm x 6.5 cm, 2 cm x 3 cm respectively. Fine needle aspiration revealed lymphoblastic cell confirmed as LYMPHOMA. Hematology, serum biochemistry profile were within normal range except for mild elevation of blood glucose level. Radiography of thorax and abdomen revealed no abnormality. Ultrasonography of abdomen revealed enlargement of mesenteric lymph node. Madison-wisconsin university treatment protocol for lymphoma was adopted for treating lymphoma. The response to treatment and monitoring of case will be presented.