

Sun-Hee Do, Da-Hee Jeong, Mi-Ran Ki and Kyu-Shik Jeong
Department of Veterinary Pathology, College of Veterinary Medicine, Kyungpook National University, Daegu 702-701, Republic of Korea

Haemangiopericytoma (HP) occurred on the antebrachium of 13-year-old dog HP is a soft tissue neoplasm found in human beings and dogs, which are thought to originate from the pericytes that surround small vessels. In dogs, however, there is controversy about the histogenesis of this tumor because the tumor cells have never been unequivocally proven to be pericyte in origin by histochemical and microscopical examination. Moreover, HP in the antebrachium is extremely rare in human beings and dogs. The immunohistochemical characteristics of HP were studied to identify the origin of HP. As a result, we obtained interesting data and a clue that pericyte may be origin cells.

*Corresponding Author : Professor, Kyu Shik Jeong, D.V.M., Ph.D.,
Department of Pathology. College of Veterinary Medicine. Kyungpook National University. 702-701. #1370, Sangyeok-dong, Buk-ku. Daegu City, Republic of Korea
Phone: +82+53+950+5975, Fax: +82+53+950+5955.
E-mail: jeongks@mail.knu.ac.kr

P#51

A Case of Canine Leiomyosarcoma in Pyloric Lesion

Il-Hwa Hong, Da-Hee Jeong, Sun-Hee Do, Hai-Jie Yang, Dong-Wei Yuan, Jae-Yong

Chung, Mi-Ran Ki and Kyu-Shik Jeong
Department of Veterinary Pathology, College of Veterinary Medicine, Kyungpook National University, Daegu 702-701, Republic of Korea

Leiomyosarcoma (LMS) is a rare neoplasm in stomach We describe the gross, histopathological and immunohistochemical features of a case of pyloric LMS in a dog. A 7-year old male Shi-tzu was confirmed to have hypertrophic pyloric stenosis by positive contrast gastrography and ultrasonography, but during pyloroplasty, some mass was observed at pyloric lesion and executed biopsy and applicated histological diagnosis. That mass had features of LMS in H&E and the tumor cells had positive reactivity to

α -SMA, vimentin and desmin except S-100. Moreover, interesting immunohistopathological features of vimentin and desmin depending on degree of immurity and malignancy of tumor cells were showed at one mass.

*Corresponding Author : Professor, Kyu Shik Jeong, D.V.M., Ph.D.,
Department of Pathology. College of Veterinary Medicine. Kyungpook National University. 702-701. #1370, Sangyeok-dong, Buk-ku. Daegu City, Republic of Korea
Phone +82+53+950+5975. Fax -82-53-950+5955.
E-mail jeongks@mail.knu.ac.kr

P#52

Canine Malignant Melanoma Metastasis to The Mammary Glands

Il-Hwa Hong, Sun-Hee Do, Da-Hee Jeong, Hai-Jie Yang, Dong-Wei Yuan, Hyun Yi,