

Primary Splenic Origin Chemodectoma in a Shih-tzu dog

Jonghyun Moon¹, Kyuwoan Cho¹, Heechun Lee², Dongwoo Chang³, Jiyoung Yhee⁴,
Chiho Yu⁴, Junghyang Sur⁴ and Dongin Jung^{1*}

*Departments of ¹Veterinary Internal Medicine and ²Veterinary Medical Imaging, College of Veterinary Medicine,
Gyeongsang National University*

³Department of Veterinary Medical Imaging, College of Veterinary Medicine, Chungbuk National University

⁴Department of Veterinary Pathology, College of Veterinary Medicine, Konkuk University

Signalment: A 6-year-old intact female Shih-tzu dog was referred due to anorexia. Physical examinations, complete blood count, serum chemical analysis, radiography and ultrasonography were evaluated.

Results: There were no remarkable findings on physical examination and hematological analysis. Based on radiographic and ultrasonographic findings, well defined and ill defined abnormal lesions were detected in spleen. Sono-guided fine needle aspiration result showed many bare nuclei which were variable in size. Histopathological and immunohistochemical analysis were performed after splenectomy, and result was primary splenic origin chemodectoma.

Clinical relevance: To the author's knowledge, this is the first report of primary splenic origin chemodectoma in a dog.

Key words: chemodectoma, spleen, dog

*Corresponding author: jungdi@gnu.ac.kr