

Anatomical and Pathological Evaluation of Anomaly Cases Presented to the Department of Pathology at the Kafkas University Faculty of Veterinary Medicine, between 2017 and 2019

Authors : Gülseren Kırbaş Doğan, Emin Karakurt, Mushap Kuru, Hilmi Nuhoğlu

Abstract : Developmental anomalies can be caused by defects in bone tissue, cartilage tissue, or primitive mesenchymal tissue. Genetic-, environmental-, teratogenic-, faulty breeding selection-, or feeding-related anomalies can be observed either locally or systemically. This study aimed to evaluate in detail the various anomalies in six calves according to pathological and anatomical investigations. Six calves were delivered to the Department of Pathology at the Kafkas University Faculty of Veterinary Medicine between 2017 and 2019. These calves comprised one with anencephaly, one with the diencephalic syndrome, one with Schistosoma reflexum, two with anasarca, and one with nasal and calvarium openings. After necropsy, samples were taken from the organs, foreseen, and routine pathological examinations were performed. Following these procedures, the calves were brought to the anatomy laboratory and anatomically examined. As a result, various anomalies in 6 calves were evaluated according to pathological and anatomical investigations. These findings are believed to contribute to the literature.

Keywords : anatomy, anomaly, calf, pathology

Conference Title : ICASVP 2019 : International Conference on Animal Sciences and Veterinary Pathology

Conference Location : Dublin, Ireland

Conference Dates : November 07-08, 2019