

عنوان مقاله:

Clinical, Radiological and Microscopical Findings of Chondrosarcoma in a Cat

محل انتشار:

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نویسندگان:

Sara Shokrpour - *Department of Pathology, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran*

Behzad Pourreza - *Department of Radiology and Surgery, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran*

Mina Khodadadi - *Department of Basic Sciences, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran*

Masoumeh Moradi-Ozarlou - *Department of Pathobiology, Faculty of Veterinary Medicine, University of Tabriz, Tabriz, Iran*

Reza Khoshvaghti - *Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran*

Bitra Fazel - *Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran*

خلاصه مقاله:

Chondrosarcoma is an uncommon malignant neoplasm in which the neoplastic cells produce chondroid and varying amounts of matrix. This tumor is the second most common primary skeletal tumor in animals. In our case, radiological and histopathological findings supported the final diagnosis of chondrosarcoma in a six-year-old male cat weighing ۶.۳ kg with a large and solitary mass in the right humerus. The shoulder joint had a limited range of motion. Radiographs were obtained from the raised growth. The mass was surgically excised for histopathological evaluation. Microscopically, the mass was composed of bundles and nests of neoplastic mesenchymal cells. Histo-pathologically, multiple-sized lacunae within a homogenous cartilage matrix were observed. There was marked anisocytosis and anisokaryosis. Neoplastic chondrocytes and oval cells with ۱ to ۳ nucleoli were seen. Based on the macroscopic, radiological, and cartilaginous differentiation of tumor cells and matrix, the mass was diagnosed as well-differentiated chondrosarcoma

کلمات کلیدی:

Cat, chondrosarcoma, Histopathology, Radiology, surgery

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