

Fibrosarcoma of the Femur and Proximal Tibia in a Dog

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Introduction: Fibrosarcoma is a rare primary tumor of bone that most often occurs in the axial skeleton.

Materials and methods: A 12-year old female yorkshire terrier dog with right hindlimb mass was referred to Veterinary Medicine Teaching Hospital, Kangwon National University.

The mass was firm, capsulized and fixed type involving the femoral(7cm×8cm) and tibial regions(2.5cm×2cm) with severe inflammation.

On radiographic views, marked bone atrophy was observed in femur and tibia adjacent to the mass. However any metastasis in the other bones as well as thoracic regions was not detected. Coxofemoral disarticulation was performed in the hindlimb.

Results: Subsequent histopathological study found the mass was fibrosarcoma.

Up to now indication of metastasis is not visible.

Clinical relevance: This case report describes the surgical trial on treatment of the appendicular fibrosarcoma in a yorkshire terrier dog.

Key words: fibrosarcoma, dog, coxofemoral disarticulation, femur

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