

Successful Chemotherapy with Carboplatin for Oral Fibrosarcoma on Buccal Mucosa in a Cocker Spaniel

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Introduction: In the dog, tumors of oral cavity is reported the fourth most common, and fibrosarcomas is the third most common oral tumor. Most fibrosarcomasis originated on the gum, maxilla and mandible. Fibrosarcomas are locally invasive, however, metastasis is uncommon. Oral fibrosarcomas may often have the benign characteristics histologically.

Materials and methods: A 11-year-old, castrated male, Cocker Spaniel dog was presented swelling and severe pain of the left face. On physical examination, mass of left buccal mucosa was detected. The radiographic examination, fine needle aspiration and biopsy were performed.

Results: In FNA cytologic examination, fibrosarcoma was suspected strongly. By histological diagnosis, fibrosarcoma was diagnosed definitely. The result of the radiographic examination showed that invasion and metastasis were not detected. The dog was treated with carboplatin. After chemotherapy, the size of the tumor was greatly reduced.

Clinical relevance: This case report demonstrated that successful chemotherapy with carboplatin for oral fibrosarcoma on buccal mucosa in a dog.

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