

CRC6: The 28 Years Observation of a Maxillectomy Patient: A Case Report

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Introduction: In order to confirm the optimal treatment planning such as denture design or check-up schedule, discussion about long-term observation case is useful. This case report describes the 28 years' follow-up of prosthodontic treatment in a maxillectomy patient.

Case Description: In 1990, 62-year-old female patient was referred to our department for the fabrication of prosthesis. In 1988, she has under gone maxillectomy because of a squamous cell carcinoma in the right maxilla. The tumor was successfully treated by excision, chemotherapy and radiation in the department of Otorhinolaryngology of a medical hospital. After the prosthodontic preparation, first interim obturator with acrylic base was inserted. Two years later, second interim obturator with O-P anchor attachment was inserted. In 2002, a definitive obturator with a metal frame was inserted. After that, she occasionally lost her teeth and prosthesis was renewed for three times. In 2016, when she was 90 years old, she was diagnosed with radiation osteomyelitis on the left maxilla. In 2018, sequestrectomy was operated and a new prosthesis was fabricated. During these 28 years, she kept visiting our clinic for checkup once a month. There has been no recurrence. Her plaque control has been good. Now she is using her prosthesis without any problem.

Discussion and Conclusion: Even with good hygiene and without recurrence of tumor, she lost teeth and needed the several times of prosthesis fabrication. It was suggested that the history of radiation should be taken in account to make a long-term prognosis in maxillofacial rehabilitation.

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