

Denture repair with the application of a magnetic attachment to the inner crown of a telescopic crown: A 3-year follow-up case

A. Izumida

Department of Comprehensive Dentistry, Tohoku University Hospital

Abstract

This case report describes a three-year follow-up case after denture repair with the application of a magnetic attachment to the inner crown of a telescopic crown. The patient was a 74-year-old woman. In December 2000, the inner crowns of conical telescopic crowns on the maxillary right central incisor, left first premolar, and left second premolar were produced for three tooth defects of the central incisor, lateral incisor, and cuspid on the maxillary left side. Then a removable denture equipped with outer crowns conforming to those inner crowns was set. In November 2014, acute apical periodontitis occurred on the maxillary right central incisor that was one of the abutment teeth. After the inner crown of the tooth was removed, root canal treatment was performed. Following prosthetic treatment, a magnotelescopic crown was fabricated for the maxillary right central incisor and adapted to the corresponding outer crown. In this case, prosthetic treatment by making maximum use of the existing denture was considered. The patient was highly satisfied with using the repaired denture and the periodontal tissue around the magnotelescopic crown was kept sound ever after elapsing 3 years since the denture repair.
