

Oral Health-Related Quality of Life Changes after Clinical Remounting of Existing Dentures

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論 文 名	Oral Health-Related Quality of Life Changes after Clinical Remounting of Existing Dentures (リマウント調整による口腔関連 QOL の変化)					
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論 文 審 査 の 結 果 の 要 旨

The clinical remount is an accurate and efficient way to reset the occlusion of delivered removable dentures if major occlusal correction is required. Although previous studies have reported that clinical remounting of existing dentures enhances patients' oral function, little subjective feedback is available. This retrospective study reports short-term changes in oral health-related quality of life (OHRQoL) and masticatory function after clinical remounting of existing dentures.

Three time points were defined: before adjustment (T0), immediately after adjustment (T1), and one-week after adjustment (T2). The medical records of 7 patients were analyzed.

The mean age of participants was 77.7 years, and the mean service period of their prostheses was 9.4 months. The mean scores of the OHIP-EDENT-J questionnaire at the respective time points were 35.0, 21.1, and 22.1. The mean readings of masticatory function at the respective time points were 76.7, 89.3, and 111.9. Significant differences in the OHIP-EDENT-J were found between T0 and T1, and T0 and T2; and in masticatory function between T1 and T2, and T0 and T2. The results indicated that after rebalancing of the occlusion of the existing dentures, the patient-reported OHRQoL was improved immediately and maintained at least for a short time, and masticatory function was enhanced over a one-week period.

In this study, the improvement of objective and subjective oral function was demonstrated by the clinical remount of existing dentures. This is considered to be a new finding in dentistry. Consequently, it could be considered that the applicant deserves to be granted the degree of Doctor of Philosophy (Dental Science) by this work.