

The evaluation of the verbal and pamphlet oral hygiene instruction techniques' seffects on periodontal status of removable partial denture wearers

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Abstract

Background and Aim: Regarding the serious problems of RPDs(removable partiale denture) on oral soft and hard tissues and the importance of preventing them, this study was aimed to evaluate the Effect of verbal and pamphlet technique instructions in oral hygiene education on periodontal status of removable partiale denture wearers.

Materials and Methods: In this study, 30 subjects with removable partial dentures were evaluated. The patients were divided into 3 groups; Group 1: patients that are hygiene Educated by student. Group 2: the patients that learning oral brushing , flossing and administration of chlorhexidine in addition to group 1 educations and group 3 recieved educational pamphlet. The patients were examined after 3 months to assess the impact of hygiene education on clinical GI, PD, PI, CAL, GBI. The Repeated Measure ANOVA, Kruskal-Wallis and Wilcoxon test used to comparing periodontal status.

Result: After the 3-mounth follow-up periods, the Significant differences in PI, GBI, PD and GI were observed in groups of 2 and 3 versus group 1 ($P < 0.005$). There were no significant differences between group 2 and 3. ($P > 0.05$)

Conclusion: Considering to the results of this study, it seems that verbal and pamphlet technique instructions are effective methods to reduce periodontal disease in partiale denture wearers.

Keywords: *Removable Partial Denture, Dental Education, Periodontal Indexes*