

·基础与临床研究·

全瓷冠粘固前排龈对基牙牙周指数的影响

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【摘要】目的 分析美学修复中全瓷冠粘固前排龈对牙周组织的影响。**方法** 选择前牙全瓷冠修复患者 80 例, 分为粘固前排龈组和不排龈组, 每组各 40 例。所有患者均分别于粘固后 1、3、6 及 12 个月复查, 观察记录各组不同时段临床各相关牙周指数的变化并进行统计学分析。**结果** 牙周探诊深度在全瓷冠粘固后 12 个月, 粘固前排龈组明显小于不排龈组, 差异具有统计学意义 ($P<0.05$)。菌斑指数和出血指数在全瓷冠粘固后 6 个月及 12 个月, 粘固前排龈组明显小于不排龈组, 差异具有统计学意义 ($P<0.05$)。**结论** 前牙全瓷修复体粘固前排龈能够有效减少牙周损伤, 防止牙周疾病的发生。

【关键词】 排龈 粘固 全瓷冠 菌斑指数 牙周探诊深度 出血指数

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The effect of gingival retraction before cementation of all-ceramic crown on periodontal index of abutment teeth

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【Abstract】Objective The aim of the study was to analyze the effects of gingival retraction before cementation of all-ceramic crown on the periodontal tissue in aesthetic restoration. **Methods** 80 patients with anterior all-ceramic crowns were selected and divided into two groups, each group has 40 patients. All patients were re-examined for follow-up at 1, 3, 6 and 12 months after cementation, and the changes of clinical periodontal index at different times in each group were recorded and statistically analyzed. **Results** After 12 months of all-ceramic crown cementation, the probing depth (PD) was significantly lower in the gingival retraction group than those in the Non-gingival retraction group ($P<0.05$). At 6 months and 12 months after all-ceramic crowns were cemented, the plaque index (PI) and the bleeding index (BI) were significantly lower in the gingival retraction group than that in the Non-gingival retraction group ($P<0.05$). **Conclusion** Gingival retraction before the all-ceramic restorations of anterior teeth are cemented can effectively reduce periodontal damage and prevent periodontal disease.

【Key words】 Gingival retraction Cementation All-ceramic crown Plaque index(PLI) Probing depth(PD) Bleeding index(BI)