

·临床报道·

All-on-4 即刻种植与延期种植对牙列缺失患者恢复情况 及对 PES 评分和炎症因子水平的影响研究

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【摘要】目的 研究 All-on-4 即刻种植与延期种植对牙列缺失患者恢复情况及对 PES 评分和炎症因子水平的影响。**方法** 采取前瞻性研究, 选择自 2018 年 1 月到 2019 年 1 月期间在本院进行治疗的牙列缺失患者 120 例作为研究对象, 平均年龄为 (45.67 ± 3.09) 岁, 使用随机数字表将以上患者随机分为两组, 每组 60 例, 其中观察组采取 All-on-4 即刻种植治疗, 对照组采取延期种植, 比较两组患者术后 12 个月的治疗效果、PES 评分、牙槽嵴骨的吸收高度、主观满意度、龈沟液炎性反应水平、并发症之间的差异。**结果** 观察组患者的总有效率显著高于对照组 ($P < 0.05$); 经过治疗后, 两组患者的 PES 评分均显著改善, 且观察组患者的 PES 评分高于对照组 ($P < 0.05$); 观察组患者的附着高度、咀嚼功能、整体美观显著优于对照组, 牙槽嵴骨的吸收高度显著低于对照组 ($P < 0.05$); 两组患者的 IL-4、IL-10、INF- γ 以及 TNF- α 水平显著下降 ($P < 0.05$), 且观察组患者的 IL-4、IL-10、INF- γ 以及 TNF- α 水平显著低于对照组 ($P < 0.05$); 两组患者的并发症牙龈撕裂、舌侧骨板骨折、术后干槽症之间的差异不存在统计学意义 ($P > 0.05$)。**结论** 牙列缺失患者的治疗中采取 All-on-4 即刻种植修复, 患者的 PES 评分显著改善, 炎症因子水平显著下降, 治疗效果显著。

【关键词】 即刻修复 All-on-4 延期修复 PES 评分 炎症因子

DOI: 10.11752/j.kqcl.2022.02.16

Effect of immediate and delayed implantation with all-on-4 treatment on recovery, PES score and inflammatory factor level of patients with dentition loss

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【Abstract】Objective The aim of this study was to study the effect of immediate and delayed implantation with all-on-4 implants on recovery, PES score and inflammatory factor level of patients with dentition loss. **Methods** In this prospective study, 120 patients with dentition loss who were treated in our hospital from January 2018 to January 2019 were selected as the research objects, with an average age of (45.67 ± 3.09) years old. The above patients were randomly divided into two groups by random number table: the observation group and the control group, with 60 cases in each group. The observation group was treated with all-on-4 immediate implantation, and the control group was treated with all-on-4 delayed implantation. The treatment effect, PES

基金项目: 江苏省条件建设与民生科技专项 (编号: BL2013002)

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