

后牙区粘接固位和螺丝固位种植义齿周围组织健康状况的临床评价

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【摘要】目的 探究粘接固位与螺丝固位修复方式对后牙区单个种植义齿周围软硬组织健康状况的影响, 以及医生和患者对不同固位方式的满意度评价。**方法** 选择后牙区单颗种植义齿共 86 颗, 分为粘接固位组 ($n_1=50$) 和螺丝固位组 ($n_2=36$), 种植体上部结构的平均负载时间为 (54.95 ± 28.71) 个月, 对两组的 PD、mPLI、mSBI、种植体周围疾病发生情况等进行了测量, 并开展医生及患者满意度评价。**结果** 粘接固位组发生种植体周围炎和种植体周围黏膜炎者分别占 8.0% 和 28.0%, 螺丝固位组为 2.8% 和 30.5%, 两者差异均无统计学意义 ($P>0.05$); 两组的 PD、mPLI 和 mSBI 差异无统计学意义 ($P>0.05$); 满意度方面, 患者对粘接固位组的美观度评价较高, 医生对螺丝固位组的易清洁度评价较高, 两者差异均有统计学意义 ($P<0.05$)。**结论** 粘接固位与螺丝固位对后牙区种植体周围软硬组织健康状况的影响不显著。满意度调查提示, 患者更倾向于选择粘接固位, 而医生更倾向于选择螺丝固位。

【关键词】 粘接固位 螺丝固位 种植体周围炎 种植体周围黏膜炎 满意度

DOI: 10.11752/j.kqcl.2019.02.03

Clinical evaluation of the health condition of soft and hard tissues around cement-retained and screw-retained implant-supported posterior restorations

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【Abstract】Objective To evaluate the health condition of soft and hard tissues around cement-retained and screw-retained implant-supported posterior restorations, as well as the satisfaction of doctors and patients on two different retention methods. **Methods** 86 posterior single implant-supported restorations were included in this comparative study, with 50 in cement-retained group and 36 in screw-retained group. The average load time of the implant superstructure was (54.95 ± 28.71) months. The PD, mPLI, mSBI, prevalence of peri-implant diseases and satisfaction of doctors and patients on two retention methods were measured respectively. **Results** The prevalence of peri-implantitis and peri-implant mucositis in cement-retained group was 8.0% and 28.0% respectively, whereas for the screw-retained group, the percentage was 2.8% and 30.5%. No significant difference was observed in the PD, mPLI, mSB. between the two retention methods ($P>0.05$). As for satisfaction, patients have higher evaluation of cemented retention on esthetics, while doctors have higher evaluation of screw retention on easiness to clean

基金项目: 上海市卫生和计划生育委员会项目 (编号: 201740181);

上海交通大学医学院附属仁济医院临床科研创新培育基金 (编号: PYII-17-014)

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