

翼式基托与磁性固位体在可摘局部义齿中的联合应用

秦飞¹ 范建芬² 徐培成¹ 马晓晴¹

(1. 上海徐汇区牙病防治所, 上海 200032; 2. 江阴市口腔病防治所, 江阴 214400)

【摘要】目的 评价翼式基托与磁性固位体联合应用于上颌双侧游离缺失患者的治疗效果。**方法** 选择上颌双侧后牙全部缺失患者 12 例, 通过磁性固位体将翼式基托与义齿主体相连接, 义齿修复后即刻、修复后 1 个月、3 个月、6 个月、12 个月复查, 并由患者对美观、固位以及咀嚼效果进行打分评价。采用 graphpad prism 6.0 软件, 对所得数据进行统计分析。**结果** 12 例患者对于最终效果评价: 对美观满意度达到 100%, 咀嚼效能满意度平均为 78%, 固位力满意度平均为 91%。随时间变化, 咀嚼功能及固位效果均有显著提高。**结论** 将翼式基托与磁性固位体联合应用于双侧上颌后牙游离缺失患者, 既能获得良好的固位效果, 又能满足患者对美观的要求。

【关键词】 翼式基托 磁性固位体 游离缺失

DOI: 10.11752/j.kqcl.2015.02.08

Application of magnetic attachments combined with wing base plate in removable partial denture

Qin Fei¹ Fan Jianfen² Xu Peicheng¹ Ma Xiaoqing¹

(1. Shanghai Xuhui District Dental Center, Shanghai 200032; 2. Jiangyin Stomatological Disease Center, Jiangsu 214400)

【Abstract】Objective To evaluate the effect of magnetic attachments combined with wing base plate on restoring the maxillary bilateral free-end edentulism. **Method** 12 cases who lost all the maxillary posterior teeth were chosen. The magnetic attachments were used to connect the labial wing base plate and the body of the denture. After 0 M, 1 M, 3 M, 6 M, 12 M of denture wear, the aesthetics, retention and chewing ability were scored by the patients. The software graphpad prism 6.0 was used to analyze the result. **Result** The satisfaction to esthetic, chewing ability and retention was respectively 100%, 78% and 91%. With the passage of time, the clinical effects were improved. **Conclusion** The application of the magnetic attachments combined with oral wing base plate in restoring the maxillary bilateral free-end edentulism not only obtained a good retention, but also satisfied the aesthetic needs of patients.

【Key words】 Oral wing base plate Magnetic attachments Free-end edentulism

良好的可摘局部义齿设计需要满足以下要求: 恢复功能、容易摘戴、坚固耐用、美观舒适、保护组织健康^[1]。对于双侧上颌后牙全部缺失的患者, 目前修复方法有: 活动义齿修复、附着体、套筒冠、

种植义齿^[2, 3]。种植义齿效果良好, 但因费用昂贵, 在临床上尚不能得到广泛开展。附着体与套筒冠需要切削较多的牙体组织, 且对基牙的要求较高, 不能为众多患者接受^[4]。目前国内大部分游离缺失患者首选可摘局部义齿, 它可以恢复部分咀嚼功能, 但却暴露金属卡环^[5]。本文针对以上不足,

通信作者: 马晓晴, E-mail: mxq780927@163.com