

## 粘接式磁性附着体与牙齿根面粘接的微渗漏研究

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**中文摘要:**目的观察粘接式磁性附着体衔铁与基牙根面粘接的微渗漏情况, 初步比较采用不同根面充填树脂(Clearfil, Chrisma, FLOWline)和不同牙体预备形态(有无洞缘斜面)对粘界面边缘微渗漏的影响。方法采用硝酸银染料渗入法, 结合立体显微镜照片观察。结果基牙根面边缘预备45°斜面, 边缘微渗漏程度相对于未预备斜面者小, 差异显著(P<0.05); Clearfil桩核用树脂充填后基牙根面边缘微渗漏更小, 与通用型树脂Chrisma, 流动树脂FLOWline相比差异性显著(P<0.001)。结论基牙根面边缘预备45°斜面, 选用桩核用树脂系统充填根面, 可以减小微渗漏。

**中文关键词:** [磁性附着体衔铁](#) [粘接](#) [微渗漏](#)

## Research on Microleakage of Magfit Root Keeper System

**Abstract:** Objective To investigate the microleakage between the resin and the root surface, in order to find appropriate tooth preparation method and filling resin (Clearfil, Chrisma, FLOWline). Methods The microleakage of root surface was evaluated with dye penetration method, and pictures were taken by stereomicroscope. Results The specimen which have been prepared 1mm bevel on the margin of root surface indicated less microleakage than those without bevel preparation (P<0.05). Less microleakage was found on the root surface that was filled with Clearfil resin (P<0.001). Conclusion We can get less microleakage while preparing 1mm bevel on the margin or fill root surface with Clearfil resin.

**keywords:** [Magfit root keeper system](#) [Bonding](#) [Microleakage](#)

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