

# EverStick 高强纤维树脂贴面用于四环素牙美容修复的临床评价

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**【摘要】目的** 探讨 everStick 高强纤维树脂贴面修复四环素染色牙的优势。**方法** 选取四环素染色牙患者 20 例 (共 80 颗患牙), 随机分为实验组 (10 例) 和对照组 (10 例), 按照树脂贴面修复的牙备要求对患者上颌 4 颗切牙进行牙体预备, 实验组和对照组分别采用 everStick 高强纤维树脂材料 (NET 型) 及 3M 光固化复合树脂材料制作成树脂贴面, 利用 Kerr 全酸蚀粘接系统进行粘接。贴面完成后进行 6~30 个月、每次间隔 6 个月的临床随访, 采用改良 Ryge 贴面复查标准及牙龈指数 (GI)、龈沟出血指数 (SBI)、菌斑指数 (PLI) 作为临床检查指标, 观察贴面色彩稳定性、边缘适合性、邻接边缘变色情况、继发龋及牙周组织健康状况等, 评价 2 种材料制成贴面的上述指标之间的差异是否具有统计学意义 ( $P<0.05$ )。**结果** 在 6~30 个月、每次间隔 6 个月的临床随访中, 实验组的修复体无松动脱落, 无继发龋, 边缘无明显染色, 色泽稳定; 对照组有 5 只贴面出现脱落, 2 只出现折裂, 2 组差别有统计学意义 ( $P<0.05$ ); 2 组的牙龈指数 (GI)、龈沟出血指数 (SBI)、菌斑指数 (PLI) 结果中, 实验组均低于对照组, 差异有统计学意义 ( $P<0.05$ )。**结论** 相比 3M 复合树脂材料, everStick 高强纤维树脂材料用于四环素染色牙的贴面修复具有较好的机械强度, 色泽稳定, 对牙龈刺激小, 有利于牙周组织健康。

**【关键词】** EverStick 高强纤维树脂 复合树脂 四环素染色牙 树脂贴面

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## Clinical assessment of using everStick fiber-reinforced composite veneer to restore tetracycline pigmentation teeth

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**【Abstract】 Objective** To investigate the potential of using everStick fiber-reinforced composite veneer to restore tetracycline pigmentation teeth. **Materials** 20 patients with 80 tetracycline pigmentation teeth were randomly assigned to experimental group and control group (10 patients in each group). We prepared maxillary incisor teeth based on the standard procedure, forged veneers with either everStick fiber-reinforced composite (experimental group) or 3M-reinforced composite (control group), and bonded veneer with tooth using the Kerr All-etching bonding system. During the next 6-30-month follow-up, aesthetic restoration was examined every 6 months based on the improved Ryge standard. We used the gingival bleeding index (GI), the sulcus bleeding index (SBI) and the plaque index (PLI) to evaluate the color stability, the marginal accuracy and the physical condition of the gingival, and tested whether the two types of veneers performed differently. **Results** In the experimental group, veneers exhibited good margin and unchanged color with no signs of loosening, de-bonding fracture or secondary caries. In the control group, 5 veneers fell off, and 2 veneers were fractured, and the difference was