

## **Custom-Made Polyethylene Fiber-Reinforced Composite Resin used as a Short Post for Pediatric Anterior Teeth**

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**Abstract:** Aesthetic requirement of severely mutilated primary anterior teeth in the case of early childhood caries has been a challenge to pediatric dentist. Among restorative treatment options pre fabricated crown, and biological and resin composite restoration either by means of direct or indirect technique are mentioned in the literature. This article presents a case of early childhood caries where Reinforcement fibers (poly ethylene fiber) have been used as an intra canal retainer. Polyethylene fibers appear to have best properties in elasticity, translucency, adaptability, tenaciousness, resistance to traction and to impact. Along with ease of application fiber can be used as an alternative to traditionally used materials in the management of early childhood caries.

**Keywords:** Early childhood caries, Esthetics, Hybrid Composite, Polyethylene Fiber

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