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Reattachment of Coronal Fragment Using Fiber Reinforced Bridge in Reimplanted Tooth to Affect Inflammatory Resorption

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In dentistry, avulsion occurs when a tooth is partly or completely out of the dental socket. Once the partly detached tooth has been removed, or the completely detached tooth collected, the storage conditions of that tooth the degree of periodontal ligament injury, and the stage of root development are all factors that affect healing. This case report presents the reattachment of a coronal fragment using a fiber reinforced bridge to affect inflammatory resorption in the reimplanted tooth. An 11-year-old girl was admitted to the pediatric dentistry department, presenting with pain and mobility in the right maxillary central incisor. It was thought that the tooth was reimplanted a year prior to admission. Intraoral examination showed mobility and sensitivity to hot or cold in the right maxillary central incisor. Radiographic examination showed inflammatory resorption in the tooth. The patient's parents were informed about the treatment, and their written consent was documented. After the tooth was pulled and the wound healed, reattachment of the coronal fragment using a fiber reinforced bridge was performed. In conclusion, reattachment of the coronal fragment using a fiber reinforced bridge to affect inflammatory resorption in the reimplanted tooth can provide patients with esthetic and functional improvements, as we observed in our case.

Biography

Dr. Ceren Yıldırım is currently appointed as Specialist doctor, Pediatric Dentistry Department, Central of Dental Sciences, Gulhane Medical Academy, Ankara, Turkey. She obtained her medical degree at Gazi University. She underwent her residency training in Pediatric Dentistry in 2009 to 2013 at Gulhane Medical Academy, Ankara, Turkey. She is now a DDS, Ph.D. in there. Her research interest includes minimal invasive dentistry, regenerative pulpal therapies, and preventive dentistry.

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