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## Combination of dentoalveolar traumatic injury: A case report (7- Year Follow-Up)

**Dalal Mohammed AlKahtani**

Prince Sultan Medical and Military City, KSA

Traumatic dental injuries present difficult challenges for patients and dentists. As with most types of dental treatment, the primary goal when treating a case is to save teeth at risk of being lost and restore them to full function and normal appearance. In many cases, the difference between saving and losing a tooth depends on taking the proper action in the immediate aftermath of an injury. A case of multiple concomitant dental trauma is reported. In 2010, a Saudi male patient, 15 years old, visited the dental office an hour after dental trauma caused hit accidentally by a glass door. He complained of discomfort and bleeding around mobile upper anterior teeth; in the clinical assessment, tooth #11 had uncomplicated crown fracture and both #11 and #21 showed partial displacement from their sockets with grade 3 mobility; in the radiographic analysis, they showed an increase in periodontal ligament spaces, a diagnosis of extrusive luxation. The adjacent teeth #12 and #22 presented subgingival bleeding with grade 1 mobility and were diagnosed with subluxation. After treatment planning, the clinical approach consisted of manual reduction of #11 and #21 and flexible splint of the affected teeth. After 15 days, the splint was removed and teeth #12 #11 #21 and #22 showed negative pulpal sensibility, maintaining the same results for 4 months. In the 4th month, all affected teeth were diagnosed with pulp necrosis, thus requiring endodontic treatment. After 7 years, the teeth and the surrounding tissue were clinically and radiographically asymptomatic and in function. In conclusion, it is impossible to completely prevent accidents that might result in dental injuries, but their associated complications can be avoided by ready and adequate treatment follow up.

### Biography

Dalal Mohammed AlKahtani graduated from King Saud University as one of the top of her class with honor degree. She is an Endodontic Consultant at Prince Sultan Military Medical City in Riyadh at Saudi Arabia since 2011 when she successfully completed Saudi Board of Endodontics with degree of honor. She is also certified with advanced education in general dentistry (AEGD) from University of South California in association with PSMC in 2001. She maintains a full time endodontic practice in PSMC and has been involved in teaching and supervision sessions for endodontic and restorative residents, especially interested in trauma cases from endodontic aspect. She is an active Member of Saudi Dental Society and Saudi Endodontic Society.

dalal1111@hotmail.com

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