

4TH WORLD DENTAL CONGRESS

March 25-26, 2019 | Paris, France

Intrusive luxation: From reflexion to decision: About two case reports

M Lferde, S Tabbai, FZ Benkarroum and H Chhoul

Mohammed V University of Rabat, Morocco

Dental intrusion corresponds to the axial displacement of the tooth into the alveolar bone. Rather infrequent, it represents between 0.3 and 1.9% of traumas in permanent dentitions. It occurs mostly in children between the ages of 6 and 12 and generally affects only one tooth. Case report First case: The patient, B.K, was a 9-year-old child that reported to the Rabat Dental Treatment and Consultation Center (DTCC) in an emergency following a fall at home. After clinical and radiographic examination, the diagnosis of the intrusion of the two immature central maxillary incisors was made. The management of the case consisted of the therapeutic abstention with regular follow-up. Spontaneous re-eruption of the teeth occurred 3 weeks after the trauma. Second case: The patient Z. M was a 14-year-old teenager, who was sent to the DTCC of Rabat in an emergency following a public road accident. After clinical and radiographic examination, the diagnosis of the intrusion of the upper right central incisor was made. The treatment consisted of a surgical repositioning of the tooth. The clinical and radiological follow-up of the two clinical cases was spread over 18 months. Intrusive luxation is the most severe form of dental trauma. Axial shock usually causes considerable pulpal and periodontal complications. The treatment is complex since the prognosis is often unfavorable with inevitable complications. To date, no treatment has been found better than another. Besides, the incidence of pulp necrosis, all methods combined, varies from 45% to 96%. The therapeutic modalities depend on the age of the child, the stage of the root formation but also the importance of the vertical dislocation. Intrusive luxation, although rare, is the most severe form of traumatic emergencies. successful treatment requires a rigorous clinical and radiographic examination that allows reasoned decision-making ranging from therapeutic abstention to active repositioning.

Biography

M Lferde is the former intern at Ibn Sina University Medical Center, resident in pediatric dentistry, faculty of dental medicine at Mohammed V University of Rabat Morocco. She is a member of the committee bureau (communication manager) of the association of internal and residents dentists of Rabat.

Merieme.Lferde@gmail.com

Notes: