

Review of horizontal root fractures as well as reporting a case with complicated crown and horizontal root fractures

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Abstract

Management of dentaltrauma can be a challenging problem in dental practices. Knowledge of current trauma guidelines is important in effectively managing dentaltrauma so that favorable outcomes are achieved. The purpose of this paper is to review the current guidelines and management strategies of dentaltrauma in permanent dentitions. After injury to permanent teeth, the treatment strategy is dictated by the concern for vitality of the periodontal ligament and pulp of the injured tooth. The emergency nature of dentaltrauma requires that the dentist be knowledgeable and readily available during and after office hours to provide care.

Finally the treatment sequences, results and two years follow up of a case with complicated crown and horizontal root fracture and orthodontic force eruption will be reported.