

ROOT RESORPTION IN MAXILLARY & MANDIBLAR ANTERIOR SEGMENT DURING ACTIVE ORTHODONTIC TREATMENT – A CBCT STUDY

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ABSTRACT

'What we do not see does not mean it does not exist....' (Graber)

Root resorption is defined as the loss of root structure that involves mineralized and non-mineralized cementum and dentine. It can be part of a physiological process during the exfoliation of the deciduous teeth or it can imply a pathology. Pathological root resorption can be either internal or external depending on the part of the root that is affected (Bishara, 2001).

In internal root resorption, the process is originated from the cells in the pulp and affects the internal wall of dentin while in external root resorption the process starts from the periodontium and affects the external and lateral surfaces of the root (Tronstad, 1988a)

KEYWORDS: *Root Resorption, Orthodontic Treatment*