

Changes in orthodontic therapy and in dental movement due to medicinal action

Abstract

The medication used by patients can have an impact on orthodontic tooth movement, slowing or speeding it up. The professional must have prior knowledge about the possible influences on orthodontic tooth movement that can be caused by the drug prescription used by patients. There should be provision and awareness that there may be a change in the normal patterns of movement for each patient analyzed. The objective of this article was to carry out a literature review, conducting a survey on how the prescription drug can interfere with orthodontic tooth movement. There are some implications related to the use of medications during orthodontic therapy that modify tooth movement. It is possible to use drugs after the orthodontic appliance is installed, in order to minimize the discomfort coming from the applied forces, which in turn can alter bone resorption and tooth movement, increasing or decreasing them. In addition to this circumstance, there is applicability of medications that is vital for patients during their treatments, a practice that can also influence orthodontic tooth movement. In order to be able to perform an orthodontic treatment plan and obtain a satisfactory outcome, it is essential to analyze and investigate previously whether the patient in care uses drugs, arising from health problems and in what way.

Descriptors: Medical History Taking. Orthodontics. Periodontal Ligament. Bone Remodeling. Pharmaceutical Preparations.

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