

Progesterone effects on experimental tooth movement in rabbits.

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Abstract

The effect of progesterone on tooth movement was evaluated for nine weeks. Twenty-four rabbits were assigned into three groups of long-term, short-term and no progesterone injection. Orthodontic force was applied to incisors for three weeks. Statistical tests showed no significant difference at the seventh and eighth week; but at the ninth week, tooth movement was significantly lower in the long-term group. Long-term progesterone administration could reduce the rate of tooth movement.

Indexed Keywords

EMTREE drug terms: progesterone

EMTREE medical terms: animal; article; bone remodeling; dose response; drug effect; female; periodontal disease; rabbit; time

MeSH: Animals; Bone Remodeling; Dose-Response Relationship, Drug; Female; Progesterone; Rabbits; Time Factors; Tooth Movement

Medline is the source for the MeSH terms of this document.

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