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Histological Changes in the Periosteum Following Subperiosteal Expansion in Rabbit Scalp

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Abstract

Purpose: In intraoral bone grafting, tension-free coverage of recipient site with periosteal flap results in optimal wound closure. Tissue expansion may be a suitable modality to obtain soft tissue in the oral cavity. The aim of this study was to assess the histology of periosteum following subperiosteal expansion in rabbit scalp.

Methods: In this animal study, six rectangular tissue expanders were placed in the skulls of six male white New Zealand rabbits; in control rabbits, an incision

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