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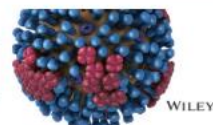
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## MICROSCOPY RESEARCH & TECHNIQUE

RESEARCH ARTICLE

### Platelet-rich fibrin and collagen membrane in the preservation of the alveolar bone: Feasibility of the elemental inorganic composition and scanning electron microscopy analysis

Fernando José Dias, Alain Arias, Eduardo Borie, Ramón Fuentes 

First published: 23 August 2019 | <https://doi.org/10.1002/jemt.23368> | Citations: 1

Review Editor: Paul Verkade

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### Abstract

The success of dental implants is related to the amount, quality, and composition of the alveolar bone. The placement of platelet-rich fibrin (PRF) clot associated with a resorbable collagen membrane (RCM) in a postextraction alveolus is a technique used for ridge preservation. This case report study analyzed the ultrastructural characteristics of cross-sectioned alveolar bone that received PRF and RCM using scanning electron microscopy and the inorganic composition using "energy dispersive X-ray spectrometry," in order to explore the feasibility of this method to clinical studies. Three alveolar bone



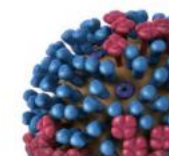
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