

## Accepted Manuscript

Title: Micro-computed tomography and histomorphometric analysis of the effects of platelet-rich fibrin on bone regeneration in the rabbit calvarium

Author: Ahmet Hüseyin Acar Ümit Yolcu Mehmet Gül Ali Keleş Necip Fazıl Erdem Sevil Kahraman



PII: S0003-9969(14)00258-1  
DOI: <http://dx.doi.org/doi:10.1016/j.archoralbio.2014.09.017>  
Reference: AOB 3272

To appear in: *Archives of Oral Biology*

Received date: 27-1-2014  
Revised date: 5-6-2014  
Accepted date: 28-9-2014

Please cite this article as: Gül AHA, Ümit Yolcu, Mehmet, Keleş A, Erdem NF, Kahraman S, Micro-computed tomography and histomorphometric analysis of the effects of platelet-rich fibrin on bone regeneration in the rabbit calvarium, *Archives of Oral Biology* (2014), <http://dx.doi.org/10.1016/j.archoralbio.2014.09.017>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

### Highlights

- The present study aimed to investigate the effectiveness of platelet-rich fibrin (PRF) on bone regeneration when used alone or in combination with hydroxyapatite (HA)/beta-tricalcium phosphate ( $\beta$ TCP).
- As methods for investigation we preferred micro-computed tomography (micro-CT), histological and histomorphometric analysis.
- To conclude, PRF increases new bone formation either alone or in combination with HA/ $\beta$ TCP.
- To conclude, HA/ $\beta$ TCP increases new bone formation either alone or in combination with PRF.

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/6050962>

Download Persian Version:

<https://daneshyari.com/article/6050962>

[Daneshyari.com](https://daneshyari.com)