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

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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 (βTCP).
- As methods for investigation we prefered micro-computed tomography (micro-CT), histological and histomorphometric analysis.
- To conclude, PRF increases new bone formation either alone or in combination with HA/βTCP.
- To conclude, HA/βTCP increases new bone formation either alone or in combination with PRF.