



SDI Review Form 1.6

Journal Name:	<u>British Journal of Medicine and Medical Research</u>
Manuscript Number:	2014_BJMMR_12648
Title of the Manuscript:	PRF and Nanocrystalline Hydroxyapatite with Collagen Combination in Treatment of Periapical Lesion : A Novel Approach
Type of the Article	Case Study

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	This case report entitled "PRF and Nanocrystalline Hydroxyapatite with Collagen Combination in Treatment of Periapical Lesion : A Novel Approach" PRF and PRF we still do not know their all healing mechanism. The combination of this materials may cause a cytotoxicity or uncontrolled tissue changes (please must read Helsinki Declarations 2005 principles for human being studies) There is no basic or preliminary results of this material combinations There is no make any sense to use on a patient with the combination Must be need immunohistochemistry studies at least histopathology studies must be essential The 6 months follow up period is lack of following Time period of presenting a new combinations drugs that is using on healing	Platelet rich fibrin (PRF), introduced by Choukroun et al. in the year 2001, is a second-generation autologous platelet concentrate enriched with platelets and growth factors which promote periapical tissue regeneration and healing. Unlike PRP, it is obtained from an anticoagulant and thrombin free blood harvest making it free from the risk of disease transmission (reference no 12 in the manuscript) Separate studies on PRF and bone grafts were already published and their results were acceptable with no reported cytotoxicity till date (reference no 12,13,14,25-28) This case report is special because in short period of 6 months combination of PRF and nanocrystalline hydroxyapatite with collagen is showing faster healing.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	There is no ethical using the PRF and Nanocrystalline Hydroxyapatite with Collagen Combination on a patient	An ethical approval was obtained from institution's ethical committee to carry out surgical procedure.