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| Book Name: | [Disease and Health: Research Developments](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4125** |
| Title of the Manuscript: | **A CBCT Healing Assessment of Nonsurgical Endodontic Management of Two Trauma-induced Large Periapical Lesions** |
| Type of the Article | **Book chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | Endodontic regeneration of a case of Peri-apical periodontitis or differentially a periapical Cyst is always worth documenting in scientific literature as it show proof of bone regeneration post therapy which is quantifiable and can be assess non invasively on radiographs. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes** but Images should be altered as thery are not standardised. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | In case description-  +Kindly check the word “vitality testing” hasn’t it been changed to “Sensitivity testing” as vitality indicated blood supply which was not elicited , only nerve tests were done. Also mention which test- Hot, Cold or Electrical.  +**Bone Density** can not be commented upon as it was never evaluated – Bone densitometry is a specific test instead of that you can mention is “ reduced trabecular pattern or thining or cortical plates” (that can be evaluated on a CBCT).  +Kindly mention if Periodontal probing depth was assessed -if not your diagnosis changes as direct CBCT can not be used to assess periodontal health, **it is adjunctive-you need to probe clinically**  **+**Don’t mention **“bone expansion in CBCT findings”** its not something that can be assessed unless the pro-op CBCT and post op CBCT were superimposed using softwares.  **+**Details of CBCT must be disclosed **– Brand, model, percentage error, standardisation.**  **In discussion-**  Periodontitis is a multifactorial disease you cant say **“Genesis of Periodontitis”**  **+Delete this sentence and please write in 3rd person as an author or add the word “the authors believe”-** “Traumatic dental injuries represent possible pathways for bacteria to invade the pulp space and therefore could be worsened by pulp necrosis” Please refer more to Traumatic changes to pulp and periapical lesion as the destruction occurs because or transient ischaemia and commensals being opportunistic rather than an actual bacterial invasion.  **+ baseless sentence of a poor reference kindly remove- “**Bacteria from the gingival sulci or periodontal pockets may reach the necrotic pulp of apparently intact crowns of traumatized teeth through disrupted blood vessels of the periodontium and exposed cervical dentinal tubules**”**  **+Please only focus on Ishchaemia as Etiology** as the tooth doesn’t give History of Avulsion and remember your diagnosis is **Peri-apical Periodontitis and Not ENDO-PERIO lesion** when writing discussion.  +**Figs 7A to D- Sections are not the same in all 4 images as your RCT** has regenerated healthy Marginal bone which is not possible and not just the periapical lesion. (A,B have No buccal cortical plate but C,D have 7-9 mm of buccal cortical plate, This is not how lesions Heal as you have taken 4 different sections as per convenience and not standardized sections )  +**Figs 11A to I -Sections are not the same,** again as buccal cortex keeps disappearing among sections which is not acceptable in a CBCT study. |  |

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| **PART 2:** | | |
|  | **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)*** |
| **Are there ethical issues in this manuscript?** | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

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| **Reviewer Details:** | |
| **Name:** | **Siddharth Narayanb** |
| **Department, University & Country** | **Saveetha Institute of Medical and Technical Sciences, India** |