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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.** | The findings contribute to a growing body of evidence supporting the efficacy of nonsurgical approaches in treating complex periapical lesions, which is crucial for improving patient outcomes. Furthermore, this research underscores the importance of accurate diagnostic tools like CBCT, which can lead to more effective treatment strategies in clinical practice. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Nonsurgical Endodontic Management of Two Trauma-Induced Large Periapical Mandibular and Maxillary pocket cysts: A 30-Month Follow-Up Case Report Using Cone Beam Computed Tomography |  |
| 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. | 1. The text of the introduction to the abstract is long.   "Dental pulp infection might be the result of tooth decay, trauma, and operative dental procedures. Pulp infection generally leads to the total pulpal necrosis. Pulp infection stimulates the development of an immune response in the periapical region leading to the growth of periapical lesions with periapical bone resorption."  It is suggested to replace it with the following:  Pulp infection triggers an immune response in the periapical area, resulting in periapical lesions and bone resorption.   1. The use of CBCT in your research is essential, yet it has often been overlooked. |  |
| **Is the manuscript scientifically, correct? Please write here.** | **For introduction:**   1. While the title emphasizes "CBCT healing assessment," there is currently no mention of the necessity of using Cone Beam Computed Tomography (CBCT) in the introduction. Given the significance of CBCT in the diagnosis and management of periapical lesions, it would be beneficial to include a text on its role, particularly in contrast to the traditional reliance on histopathological examination for diagnosis. 2. Seek clarification regarding your statement that "non-surgical root canal therapy and appropriate infection control should be the basis for the management of apical periodontitis." Could you please provide the evidence or rationale that supports this conclusion? This section would benefit from a more detailed explanation to strengthen your argument about the importance of non-surgical root canal therapy. 3. I have noticed a discrepancy between the title of your manuscript, which discusses trauma-induced periapical lesions, and the content of the introduction, which primarily focuses on lesions resulting from bacterial infections. What is your justification for this?   **For case presentation:**   1. The names and detailed specifications of the tools and equipment used (such as the types of files, radiographic devices, and exposure conditions) should be provided. 2. More details are needed about the patient's overall condition and any underlying diseases that may affect the treatment. 3. What was the reason for choosing a bioceramic sealer and its impact on treatment? |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | 1. The first, second, and penultimate sentences in the first paragraph of the discussion require references. 2. The need for reference is felt in the second and third sentences of the seventh paragraph of the discussion. 3. Since there are more up-to-date articles for the research field in both the introduction and discussion, it is recommended that references be updated and revised as much as possible. |  |
| Is the language/English quality of the article suitable for scholarly communications? | It appears that the grammatical errors in the text need to be corrected. |  |
| Optional/General comments | The study requires revisions. Implementing the suggested changes will help address its shortcomings. **For discussion:**  Overall, the technical assessments were intriguing, and the results were analyzed logically about the study's knowledge during the discussion. |  |

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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:** | **Arman Abroumand Gholami** |
| **Department, University & Country** | **Shahid Beheshti University of Medical Science, And Mashhad University of Medical Sciences, Iran** |