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| Book Name: | **[Medical Science: Trends and Innovations](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/)** |
| Manuscript Number: | **Ms\_BPR\_4437** |
| Title of the Manuscript:  | **A Clinical Study of Acute Hand Burns** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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.** | Burns are a global public health menace imposing a significant burden on victims, families and societies. With increasing life expectanciy, there has been a paradigm shift in healthcare giving significant importance to quality of life and mental health. Emotional and physical scars of burns can last a lifetime.The hand’s intricate anatomy and critical role in daily functioning make these injuries both challenging to treat and potentially life-altering. By systematically evaluating healing times, various treatment modalities, and complication rates, clinicians can identify factors that lead to better or worse functional recovery.  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The given title albeit accurate is somewhat generic. The title may be enhanced to encapsulate the scope and critical areas of study eg. Acute Hand Burns: A Clinical Evaluation of Management Strategies and Functional Outcomes |  |
| 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. | Although the abstract is reasonably structured adding certain key points will make it more comprehensive. Adding outcome measures will help understand how the conclusion was reached. Adding more data on average healing time and follow up will strengthen the results. Results section could be further condensed by avoiding repetition of phrases. Finally, the conclusion should be more nuanced. Instead of mentioning a broad statement, it could be refined by adding findings from the study like highlighting certain management strategy which was found particularly useful.  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | The article demonstrates a reasonable adherence to standard protocols but there seem to be some discrepancies bridging which could strengthen the study. The study although a decade long has a relatively short smaple size considering the burden of the disease in our country. Excluding patients with pre existing disfigurations may refine the criterias further. Excluding chemical and electric burns may omit a broader population specially considering the paucity of subjects. Use of validated functional scales (range of motion measurements etc) and objective functional outcomes (e.g., grip strength) renders more scientific weight to the study. A more rigorous follow-up with pictures or objective measures could substantiate the results further. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | They are sufficient to establish the fundamentals, but a few are somewhat old for a paper being presented presently. A few recent articles of interest maybe- Raborn, Layne & Janis, Jeffrey. (2024). Prevention and Treatment of Burn Scar Contracture: A Practical Review. Plastic and Reconstructive Surgery - Global Open.; Dargan D, Kazzazi D, Limnatitou D, Cochrane E, Stubbington Y, Shokrollahi K, Ralston D. Acute Management of Thermal Hand Burns in Adults: A 10-Year Review of the Literature. Ann Plast Surg. 2021 May 1;86(5):517-531. doi: 10.1097. Also make sure references and in-text citations follow a standard format |  |
| Is the language/English quality of the article suitable for scholarly communications? | Altgough the language is understandable, it could benefit from some grammatical refinement. Repetition should be avoided to make it more conceise eg. “One of the major determinants of the quality of life in burns survivors is the functionality of the hands,” appears twice in the Introduction. Some sentences are too long and need to be shortened. Ensure consistent plural usage. For instance, “Patients who did not followed up” should be “Patients who did not follow up.” Use of verbs and prepositions is inconsistent and a neutral professional phrasing seems more adept in articles of scientific importance. Check for stray punctuation, inconsistent spacing, or minor misspellings. |  |
| Optional/General comments | The article is largely scientifically correct however it will benefit from a more structured and nuanced approach with addition of above key points. |  |

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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: | **Ina Bahl** |
| Department, University & Country | **SMS Medical College, India** |