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| Book Name: | [**An Overview of Disease and Health Research**](https://bookstore.bookpi.org/product/an-overview-of-disease-and-health-research-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5721** |
| Title of the Manuscript: | **Can multiple metacarpals fracture increase the risk of acute compartment syndrome of the hand? A single center experience** |
| 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.** | This manuscript holds significant importance for the emergency orthopedic presentations. It sheds light on the potential correlation between multiple metacarpal fractures and the development of acute compartment syndrome (ACS) of the hand—a rare but potentially devastating condition. By presenting details of two clinical cases, the chapter highlights the critical need for early diagnosis and timely surgical intervention to prevent irreversible damage. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Appropriate** |  |
| 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. | **Appropriate** |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, It would add benefit if more of discussion is added pertaining to the relavnt topic – adding more recent publications of ACS in metacarpal fracture as this is a textbook chapter. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Not sufficient.  Consider citing **more current clinical guidelines** or review articles on ACS of the hand or orthopedic trauma management (e.g., post-2020)."Acute Compartment Syndrome: Pathophysiology, Diagnosis, and Treatment" – a comprehensive review in journals like Journal of the American Academy of Orthopaedic Surgeons or BMJ might be useful.  Studies discussing **advancements in diagnostic techniques**, such as continuous intracompartmental pressure monitoring or imaging innovations, would enrich the discussion.“Continuous monitoring of compartment pressure in acute trauma” or similar articles from The Journal of Trauma and Acute Care Surgery.  **Functional Outcomes and Rehabilitation**:Including recent research on **post-fasciotomy rehabilitation protocols** and long-term outcomes could provide a more complete view.Articles from Journal of Hand Therapy or Hand (NY) focusing on functional recovery after ACS. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

**Ranjith Kumar Yalamanchili, India**