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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.** | **The risk of compartment syndrome in closed, high energy trauma to the hand is a common clinical entitiy and high index of suspicion must be kept. The manuscript highlights two such cases, reinforcing the clinical features and management plan. Metacarpal fractures are commonly encountered in orthopaedic practice, compartment syndrome must be ruled out when force of trauma is higher. Fasctiotomy and internal fixation of the fractures can concurrently occur, but need of soft tissue coverage might be needed in certain cases where direct wound closure might not be amenable.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Two case examples can not be defined as a single center experience. A more suitable title would be “Compartment syndrome of the hand in multiple metacarpal fractures: Case based review”** |  |
| 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. | **First two lines of the abstract can be merged. The definition of compartment syndrome needs revision. The purpose of the study can be altered. Multiple fractures although are a risk factor for compartment, the emphasis must be on energy of injury and subsequent management.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically accurate but lacks recent literature support. Would suggest references to current systematic reviews and recent consensus on management of acute hand compartment syndrome. The overall flow of the discussion and grammar needs improvement. I would suggest a run through language editing software.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are sufficient but lack recent (last 5 years) entries.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Sub-par |  |
| 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?** |  |  |

**Reviewer details:**

**Suhas Sondur, Kalinga Institute of Medical Sciences, India**