|  |
| --- |
|  |
| Book Name: | [Medical Science: Trends and Innovations](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4880** |
| Title of the Manuscript:  | **Acute Traumatic Isolated Subluxation of Trapeziometacarpal Joint: Case Report-Literature Review** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**International Journal of Innovative Research in Medical Science (IJIRMS), Volume 07, Issue 10, October 2022.**

**Available:** [**https://doi.org/10.23958/ijirms/vol07-i10/1510**](https://doi.org/10.23958/ijirms/vol07-i10/1510)

|  |
| --- |
| 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 is regarding a case report on the rare condition of acute traumatic isolated subluxation of the trapeziometacarpal joint. Such cases are not frequently reporteded, and this chapter contributes valuable insights for orthopedic surgeons and clinicians. The integration of a literature review strengthens the clinical understanding of diagnosis and management strategies. The manuscript is relevant for those studying hand injuries, particularly in trauma cases, and enhances the knowledge base regarding treatment modalities. Some citations **lack uniform formatting** (e.g., inconsistent spacing, missing DOIs). |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The title is accordance to the content of the manuscript. A minor revision for more clarity could be:"Acute Traumatic Isolated Trapeziometacarpal Joint Subluxation: A Case Report and Literature 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. |  The abstract provides an overview of the case and literature review. However, a concise statement regarding the clinical implications and key takeaways for physicians could be added. * Highlight Diagnostic Challenges
* Outline Treatment Details Concisely
* Consider restructuring the conclusion to emphasize the clinical relevance and future research directions.
 |  |
| **Is the manuscript scientifically, correct? Please write here.**  |  The manuscript is scientifically sound, presenting a well-documented case with supporting literature.  The diagnosis and treatment approach are adequately described. However, it would be beneficial to include a comparison with alternative management strategies reported in the literature.• The discussion is well-supported by references to anatomical, biomechanical, and clinical studies, including notable works like Bettinger et al. (1999) on TMC joint ligament anatomy. • The review covers controversies in treatment approaches, from conservative management (closed reduction & immobilization) to surgical techniques (ligament reconstruction, Kirschner-wire pinning, tendon grafting, and arthroplasty).**Areas for Improvement: -** The **manuscript contains grammatical errors and awkward sentence structures**, affecting clarity. for Example**:** "Suspicious to diagnose the injury and precocious therapeutic management avoid complications which lead to impairment of hand function quality."forceps grasp moviesobject (hummer)(anteroposterior an oblique viewsMotions (better use term movement)ulnar of the tendondorsal capsular was tornMetacarpal base is concave dorsal volar (DIRECTION or axis not specified)A **thorough language edit** to enhance readability and ensure a **formal, academic tone**.**A paragraph on range of various movements their range, restrictive forces with prime movers and synergists may add more anatomical values to understand the concept of dislocation more effective manner.**It would benefit from clearer sectioning considering the Structural Organization for a Book Chapter: (**Suggestion**)1. Introduction (Background, Epidemiology, Anatomy & Biomechanics)
2. Case Report (Presentation, Diagnosis, Surgical Management, Postoperative Outcome)
3. Biomechanics & Pathophysiology of TMC Joint Injuries
4. Treatment Approaches (Conservative vs. Surgical)
5. Discussion & Controversies in Literature
6. Conclusion & Clinical Implications

The artist’s schematic presentation of TMC ligaments (Fig. 4) is valuable, but additional annotated images would improve the educational value. for Example: * Preoperative vs. Postoperative X-rays should be arranged in a side-by-side comparison. (**Suggestion**)
* Biomechanical diagrams showing forces acting on the TMC joint during subluxation. (**Suggestion**)
* Recommendation: Enhance image labeling and formatting for clarity.
* Final Kapandji’s score was 10/10 while Quick Dash score was 0.11. must be elaborated more with its clinical relevance.

**Clinical Relevance & Practical Takeaways**The manuscript provides extensive literature support but lacks a concise clinical decision-making guide.Recommendation: A summary table comparing different treatment approaches, their indications, and outcomes would be beneficial for clinicians. (**Suggestion**) |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** |  Ensure that all citations follow the correct referencing style. |  |
| Is the language/English quality of the article suitable for scholarly communications? |  The manuscript is written in clear and comprehensible English.  Minor grammatical and syntactical improvements may enhance the readability, particularly in complex medical descriptions. |  |
| Optional/General comments | * Consider including high-quality images or radiographs with clear annotations to improve visual understanding.
* If possible, a discussion on potential complications and long-term prognosis based on prior studies would enhance the manuscript’s value.

The manuscript is well-structured and informative, presenting a rare case with a valuable review of the literature. Improvements in the abstract, references, and language would enhance its overall quality. The inclusion of comparative discussions on management strategies and potential complications would further strengthen the manuscript. |  |

|  |
| --- |
| **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:**

**Padamjeet Panchal, India**