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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\_5954** |
| Title of the Manuscript: | **Mega Prothesis: A Ray of Hope in Tumor Resection** |
| 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 chapter provides a detailed overview of megaprosthesis as an evolving treatment option for bone tumors and other complex orthopedic conditions involving massive bone loss. It bridges oncologic and non-oncologic applications of mega prostheses with evidence-based insights, offering valuable guidance to orthopedic surgeons, researchers, and healthcare professionals involved in limb salvage surgery. The manuscript helps in understanding the advantages, challenges, and future scope of prosthetic reconstruction, making it relevant for clinical practice and research. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title is appropriate and reflects the scope of the manuscript. **Suggested Alternate (if required):** "Megaprosthesis in Tumor and Non-Tumor Limb Salvage: A Clinical Insight" |  |
| 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 a fair overview, but it can be strengthened by briefly mentioning:   * The scope of both oncologic and non-oncologic use. * A statement on common complications like prosthesis-related infections. * Summary of prosthesis types.   **Suggested Revision (Optional):** Add a sentence summarizing key complications and types of megaprosthesis at the end. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript is largely scientifically sound, well-referenced, and structured. However:   * Some content is repetitive (especially the advantages of megaprosthesis). * The flow between tumor and non-tumor indications can be more cohesive. * Specific data/statistics on outcomes can enhance credibility.   **Recommendation:** Minor restructuring for clarity and reduction of redundancy. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Yes, the references are comprehensive, recent (2021–2024), and relevant. No additional references are necessary. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | 1.Consider adding a summary table comparing types of megaprostheses (e.g., GMRS®, MUTARS®, Stanmore®) with pros/cons.  2.In the conclusion, provide more emphasis on future directions and advancements in prosthetic design/materials.  3.Avoid repetitive phrases like “megaprostheses are comparatively simple to operate” which appear multiple times across sections. |  |

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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:**

**Anisha Gulati, India**