

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: I read the manuscript written by Zhou X and others with great interest. In my honest opinion, the topic is interesting and the retrospectively studies novel enough to attract the readers' attention. MDT is a diagnosis and treatment model that gathers the backbones of EUHF-related departments, which can tailor personalized examination and treatment plans for patients, with the goal of improving patients' diagnosis and treatment experience and enhancing treatment efficacy. They compare the clinical effects of the two surgical treatment modalities through a clinical cohort study, to optimize and scientifically guide clinical treatment. Nevertheless, the authors should clarify some points and improve the discussion citing relevant and novel key articles about the topic. I have just some minor comments. 1. Please re-write the abstract, it needs to be structured. 2. English language needs correction.

Reply: Thank you for your comments. We're glad you read this article and that you agree that the topic is interesting. Extremely unstable hip fractures are characterized by severe fragmentation, extreme instability and refractory, and occur in the elderly population with higher perioperative risk. Currently, the therapeutic effect of this group is not ideal. Therefore, it is urgent to propose new treatment strategies to improve the efficacy and clinical outcomes of elderly patients with extremely unstable hip fractures, and provide guarantees for their life health and quality of life. This is why this study was conducted and what it means clinically. We very much appreciate your comments and have used relevant and novel key articles on the topic to improve the discussion wherever possible, structured the abstract, and carefully polished the English language.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: The article with the title “Effect of Surgical Treatment Modalities on Postoperative Cognitive Function and Delirium in Older Adults with Extremely Unstable Hip Fractures” is in generally well done. Title: Appropriate. It reflects the main content of the research. Authorship: Is correct. Institutions: are correct. Authors contribution is correct Abstract: In 291 words authors showed a summary of the content of the manuscript. However, it's not a structured abstract according to the required format and needs to be revised. Key words: 5 that reflect the content of the study. Core Tip: Missing. Please write a summary of the content of this article in less than 100 words and attract the attention of the readers. Background: It is a clinical study with a high importance for the clinical practice. The surgical treatment modality for elderly EUHF patients is mostly determined based on the fracture type, which seriously affecting their quality of life. Method: Authors made the detailed description of the investigations. Results: Authors demonstrated that with comparable efficacy in fracture healing to the conventional treatment, the new treatment modality has some clinical advantages, such as less IBL, faster functional recovery, more optimized perioperative quality control, improved postoperative cognitive function, mitigated postoperative delirium, and reduced operation-related adverse events. Discussion: Authors made a detailed an informative discussion of the results. Illustrations: They show 4 figures and 2 tables with their corresponding legend. All figures are showing clearly making and adequate support of the results. Biostatistics: This work met the requirements of biostatistics. References: Authors cited properly actualized references of high interest for their propose in introduction and discussion Organization of the study: It was properly organized Research method reporting. And it is of great significance to optimize the diagnosis and treatment experience of elderly patients with EUHFs and propose effective solutions.

Reply: Thank you for your comment. We are very pleased that this article has been recognized by you in general, and we are very pleased to receive your evaluation and approval of this article in terms of title, authorship, institution, keywords, background, methods, results, discussion, illustrations, biostatistics, references, research organization,

etc. We will continue to maintain the reasonableness of the title and keywords, and reflect the main content of the research in the future. We are pleased that the context of this article is recognized by you for the importance of clinical research and practice. We will continue to describe the investigation in detail methodologically. Besides, we are also pleased that the specific conclusions of the results section are clearly laid out. We will continue the detailed discussion of the results in the discussion section, the clear illustrations of corresponding legends, pictures that clearly show the production and full support of the results, biostatistics work that meets the requirements of biostatistics, references that cite appropriate practical references for the corresponding proposals in the introduction and discussion, and research methodology reports that are appropriately organized in terms of research organization. For the abstract section, we have carefully restructured it in the required format. In view of the absence of core hints, we have added a summary of the content of this article in less than 100 words to attract readers' attention.