PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 78998

Title: Septic arthritis of the hand: from etiopathogenesis to surgical treatment

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 0279532

Position: Editorial Board

Academic degree: MBBS, MS

Professional title: Professor

Reviewer’s Country/Territory: India

Author’s Country/Territory: Russia

Manuscript submission date: 2022-07-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-09 02:09

Reviewer performed review: 2022-08-13 11:34

Review time: 4 Days and 9 Hours

Scientific quality

[ ] Grade A: Excellent [ ] Grade B: Very good [ Y] Grade C: Good
[ ] Grade D: Fair [ ] Grade E: Do not publish

Language quality

[ Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing
[ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection

Conclusion

[ ] Accept (High priority) [ ] Accept (General priority)
[ Y] Minor revision [ ] Major revision [ ] Rejection

Re-review

[ Y] Yes [ ] No

Peer-reviewer

Peer-Reviewer: [ Y] Anonymous [ ] Onymous
SPECIFIC COMMENTS TO AUTHORS
The research idea is good. The Limitations if any may be mentioned.
Name of journal: World Journal of Orthopedics

Manuscript NO: 78998

Title: Septic arthritis of the hand: from etiopathogenesis to surgical treatment

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 06080724

Position: Peer Reviewer

Academic degree: MBBS

Professional title: N/A

Reviewer’s Country/Territory: China

Author’s Country/Territory: Russia

Manuscript submission date: 2022-07-26

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-08-30 04:57

Reviewer performed review: 2022-09-10 06:07

Review time: 11 Days and 1 Hour

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<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
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| Conclusion         | [ ] Accept (High priority) | [ ] Accept (General priority) |
|                    | [Y] Minor revision         | [ ] Major revision |
| Re-review          | [Y] Yes | [ ] No |

Peer-reviewer: [ ] Anonymous | [Y] Onymous
SPECIFIC COMMENTS TO AUTHORS

I would like to appreciate the contribution of the authors who are exploring a clinically important issue. However, I have several concerns about their manuscript that need to be addressed. Major comment: The authors' main objective was to explore the possibility of applying Neoarthrosis in the treatment of septic arthritis of the hand with continuous osteomyelitis and whether it could be used as an alternative to conventional Arthrodesis. However, the paper was not written to focus on Neoarthrosis and did not seem to argue why Neoarthrosis could be an alternative strategy to Arthrodesis. In addition, the results section spends a great deal of time describing patient characteristics such as microbial composition, imaging examination, antibiotic therapy, etc.; this seems to be a bit of a distraction from the topic, as it could be well summarized in tables without so much textual description. If your aim is also to include a multifaceted description of this cohort, then the current title is inappropriate as it does not reflect the main content of this paper. Minor comments. 1. the discussion section could be more insightful. Specifically, the current study could be compared to previously published similar studies, such as why the results differ. 2. As a retrospective study, the limitations of this study should be emphasized in the discussion section. 3. Any abbreviations need to be shown in full the first time they appear, including in the abstract.