PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 67511

Title: Ilizarov bone transport combined with the Masquelet technique for bone defects of various etiologies (preliminary results)

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 03518273

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer’s Country/Territory: Thailand

Author’s Country/Territory: Russia

Manuscript submission date: 2021-04-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-13 04:06

Reviewer performed review: 2021-05-13 05:22

Review time: 1 Hour

<table>
<thead>
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<th>Scientific quality</th>
<th>[ ] Grade A: Excellent [ ] Grade B: Very good [ Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish</th>
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<tbody>
<tr>
<td>Language quality</td>
<td>[ ] Grade A: Priority publishing [ Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection</td>
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<tr>
<td>Conclusion</td>
<td>[ ] Accept (High priority) [ Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection</td>
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<td>Re-review</td>
<td>[ Y] Yes [ ] No</td>
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Peer-reviewer statements

Peer-Review: [Y] Anonymous  [ ] Onymous
Conflicts-of-Interest: [ ] Yes  [Y] No

SPECIFIC COMMENTS TO AUTHORS
This study show the alternative method to achieve union in pathology of the tibia. This should be the good source of knowledge.
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Title: Ilizarov bone transport combined with the Masquelet technique for bone defects of various etiologies (preliminary results)

Provenance and peer review: Invited Manuscript; Externally peer reviewed

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Reviewer’s code: 05758354

Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Research, Doctor

Reviewer’s Country/Territory: China

Author’s Country/Territory: Russia

Manuscript submission date: 2021-04-28

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-07-20 00:55

Reviewer performed review: 2021-07-28 09:24

Review time: 8 Days and 8 Hours

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SPECIFIC COMMENTS TO AUTHORS
The study aims to improve bone regeneration and reduce the risks of post-traumatic refractures and congenital defects and nonunion that failed to respond to other treatments. Specially, the authors offer an integrated treatment strategy using Ilizarov bone transport and Masquelet technique. Overall, the manuscript is clearly constructed into a compelling investigation for the topic. I recommend acceptance after minor revisions. 1. In the introduction section: Some decent and detail writing about the significance and importance to investigate congenital pseudarthrosis of the tibia and distraction osteogenesis and bone regeneration, is needed. 2. In Figure 1, comparing the results after the 6-month outcome with the previous results may not be intuitive enough, it is recommended to enlarge the related details. Making enlarged views of the details is recommended. 3. The same problem exists in Figure 2. (See 5 for suggestions). 4. Since you mentioned that the integrated method is still of shortcomings, how can this situation be improved in the future? Can other methods be introduced and combined with this method to synergistically improve it? 5. Are the combined methods (Ilizarov bone transport and Masquelet technique) only used in the areas you proposed? Is it possible for treating other tissues with this or similar methods? 6. Others: Several grammatical errors still exist in the paper (such as complex long sentences). Necessary polishing is required