

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 54794

Title: Application of a pre-filled tissue expander for preventing soft tissue incarceration during tibial distraction osteogenesis

Reviewer's code: 02953994

Position: Peer Reviewer

Academic degree: FACP, MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-03-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-03-14 03:36

Reviewer performed review: 2020-03-30 01:39

Review time: 15 Days and 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting study of a pre-filled tissue expander for preventing soft tissue incarceration during tibial distraction osteogenesis. Tissue expansion is a type of technique in which a tissue expander is inserted in a certain layer during the primary stage surgery, and subsequently, a certain amount of normal saline is regularly injected through the valves to gradually expand the overlying tissue and the skin layer until its surface area increases because of the tension and amplification effect. When the expander reaches a certain capacity and the surface area of the skin is adequate, the expander is removed and the excess skin is used to reconstruct a skin and soft tissue defect. In this study, Chen et al investigated the efficacy of insertion of a tissue expander preliminarily for preventing soft tissue incarceration during the course of tibial transport and distraction osteogenesis. The surgical protocol in this study is very good. It's very useful to the clinicians. The operative technique was described in detail, and the figure are very good. Comments: 1. Please add some subtitles to the results section. 2. Manuscript requires a minor editing, both the format and the language. Please update it. 3. References are updated, however, the PMID numbers are missing. Please check and revise it.

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**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

This study introduced the insertion of a tissue expander preliminarily for preventing soft tissue incarceration during the course of tibial transport and distraction osteogenesis. This technique is very important and useful in the clinical. I suggest a minor revision of the manuscript. Some minor language polishing should be corrected.