

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Orthopedics

**Manuscript NO:** 59215

**Title:** Systematic Review of Single Stage Revision for Prosthetic Joint Infection

**Reviewer's code:** 03067067

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** Austria

**Author's Country/Territory:** United States

**Manuscript submission date:** 2020-08-30

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-09-11 21:20

**Reviewer performed review:** 2020-09-18 19:59

**Review time:** 6 Days and 22 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

Dear Authors! This manuscript reviews the key principles, indications, contraindications, outcomes and future developments of single stage revision arthroplasty for hip and knee periprosthetic joint infections. Based upon comprehensive and reliable analysis of current literature, this manuscript addresses the criteria for single stage revision arthroplasty while proposing future directions of research and clinical application.

1 Title. The title reflects the main subject of the manuscript, but doesn't identify the report as a systematic review.

2 Abstract. The abstract summarizes the work described in the manuscript adequately, but doesn't provide a structure.

3 Key words. The key words reflect the focus of the manuscript, but the different keywords are very similar. prosthetic joint infection, single stage revision, single stage exchange arthroplasty, revision total joint arthroplasty, one stage revision for chronic prosthetic infection, and revision joint replacement

4 Background. The manuscript adequately describes the background, present status and significance of the study.

5 Methods. This manuscript reviews single stage revision arthroplasty for prosthetic joint infection and encompass the history, clinical reasoning, principles, indications, contraindications, clinical outcomes, and technical pearls surrounding single stage revision for prosthetic joint infection.

6 Results. The results are based upon comprehensive and reliable analysis of current literature. The criteria for single stage revision arthroplasty is addressed, while proposing future directions of research and clinical application.

7 Discussion. Summarizes the main findings in the recent literature, regarding indications and contraindications in single stage revision arthroplasty for hip and knee periprosthetic joint infections. The findings of this review, their relevance to the literature, the limitations and the conclusion is stated in a clear and definite manner. This review is of scientific significance and/or relevance to clinical practice.

8 Illustrations and tables. The tables are sufficient and of adequate quality. Table 1 could be improved. The figure illustrates the paper content in a good way.

9 References. The manuscript cites appropriately the latest and



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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

important references in the introduction and discussion section.<sup>[L1][T1][SEP]</sup> 10 Quality of manuscript organization and presentation. The manuscript is well, concisely and coherently organized and presented. The style, language and grammar is accurate and appropriate.<sup>[L1][T1][SEP]</sup> 11 Research methods and reporting. The authors prepared the manuscript according to the PRISMA 2009 Checklist for Evidence-Based Medicine, Systematic review and Meta-Analysis.<sup>[L1][T1][SEP]</sup>