

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 49236

Title: Two-stage revision arthroplasty for coagulase-negative staphylococcal periprosthetic joint infection of the hip and knee

Reviewer's code: 02694731

Reviewer's country: Switzerland

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-05-23 10:14

Reviewer performed review: 2019-05-23 13:09

Review time: 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study addresses a difficult diagnosis in total joint arthroplasty (TJA), not only infection per se being a major complication in TJA but in particular considering a difficult to treat germ such as Coagulase-Negative Staphylococci. Your treatment regime



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

corresponds to the generally accepted procedure and your results in treating CoNS corresponds to what can be expected realistically. You also reported complications that occur during the course of time during the treatment of these patients that are not directly related to infection but can be part of the treatment. The incidence of these complication is also within the expected range. The specific trade mark of your study is that ii focuses on CoNS. So, it is a good report providing realistic expectations when treating such patients.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 49236

Title: Two-stage revision arthroplasty for coagulase-negative staphylococcal periprosthetic joint infection of the hip and knee

Reviewer's code: 02488945

Reviewer's country: India

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-06-11 16:43

Reviewer performed review: 2019-06-13 12:07

Review time: 1 Day and 19 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This retrospective study though well written does not deliver any new message. Also, the following points can be considered: (1) Why P. acne organism cases were not included. While some patients with multiple organism infection have been included the



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why not include “Low Virulence organisms” as a group? (2) Very small number of cases. Backward sample size calculation can be done, presuming 100% eradication of PJI to determine whether sample size is adequate. (3) Why the difference between THR and TKA outcome?....a recent published data shows the results which are opposite. [Alvand A, Grammatopoulous G, de Vos F, et al, Clinical Outcome of Massive periprosthetic Joint infections of Hip and Knee. J Arthroplasty, 2018 Mar: 33 (3): 829-8344] (4) Were all patients in THA group had primary arthroplasty due to Femoral fracture? If not then how many? (5) What was the percentage of total THA and TKA performed between 2003 and 2016 that got infected? And what percentage of those were coagulase negative staphylococcal infection? (6) Only one factor is considered for failure for eradication..(Obesity)..Were other factors like diabetes, age, immunocompromised patients, time interval between the first and second stage arthroplasty, static or dynamic spacer, revision of spacer placement and smoking were related to the failure to eradicate the infection. (7) Were all surgeries performed by the author themselves or is it a mixed data as the manuscript describes as “we performed”..if not then it should be changed to “was performed..” (8) The title of the article implies that two stage arthroplasty is the answer to coagulase negative PJI. So the title should be changed.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:



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- ☐ No