



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 33525

**Title:** Single-stage Anterior Debridement and Reconstruction with Tantalum Mesh Cage Followed by Immediate Instrumentation for Complicated Infectious Spondylitis

**Reviewer’s code:** 02446717

**Reviewer’s country:** China

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2017-02-14

**Date reviewed:** 2017-02-14

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input checked="" type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

**COMMENTS TO AUTHORS**

The manuscript by Dr.Yang et al. focuses on Single-stage Anterior Debridement and Reconstruction with Tantalum Mesh Cage Followed by Immediate Instrumentation for Complicated Infectious Spondylitis. It is novel and interesting. I have some comments: 1. Please state the statistical method more detailed. 2. Please cite the two literatures: Wang F, Zhao B\*, Wang N\*. Significance of sacroiliac joint aereocele in diagnosis of ankylosing spondylitis. J Shanghai Jiaotong University (Sci). 2011, 16(5):636-640. Wang F\*, Yan CG, Xiang HY, Xing T, Wang NS\*. The significance of platelet activation in ankylosing spondylitis. Clin Rheumatol. 2008, 27(6):767-769. 3. Some grammar errors should be corrected.



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

**Manuscript NO:** 33525

**Title:** Single-stage Anterior Debridement and Reconstruction with Tantalum Mesh Cage Followed by Immediate Instrumentation for Complicated Infectious Spondylitis

**Reviewer's code:** 02488630

**Reviewer's country:** Turkey

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2017-03-13

**Date reviewed:** 2017-03-27

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

Dear author, This is a good study which evaluates clinical and radiological results of patients with complicated infectious spondylitis treated with single-stage anterior debridement and reconstruction using tantalum mesh cage followed by immediate instrumentation. From my point of view, this paper has a potential to be accepted.

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**Manuscript NO:** 33525

**Title:** Single-stage Anterior Debridement and Reconstruction with Tantalum Mesh Cage Followed by Immediate Instrumentation for Complicated Infectious Spondylitis

**Reviewer's code:** 00631847

**Reviewer's country:** Taiwan

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2017-03-13

**Date reviewed:** 2017-03-29

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
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		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

The authors reported a series of infectious spinal disorder with single stage of debridement followed by the instrument of Tantalum Mesh cages and in some cases added on with posterior instrumentation. The choice of this method is still very controversial. I recommend the authors should make a thoroughly literature review concerning the surgical method, the interval from the start of antibiotics to the surgery, neurological deficits before and after operation, evidence of bone fusion, infectious pathogen (TB and non-TB), and long-term neurological outcome. Based on the report by these authors, nearly 19/20 (95%) cases achieved excellent outcome without complication (only one case with wound infection), which seems better than the previous reports. The authors should address this point in the discussion section.