



# BAISHIDENG PUBLISHING GROUP INC

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## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 16263

**Title:** Can tranexamic acid change preoperative anemia management during total joint arthroplasty?

**Reviewer's code:** 02695138

**Reviewer's country:** Croatia

**Science editor:** Yue-Li Tian

**Date sent for review:** 2015-01-07 19:58

**Date reviewed:** 2015-01-12 16:38

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 type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

Dear Editor, after reviewing manuscript "Can Tranexamic Acid Change Preoperative Anemia Management During Total Joint Arthroplasty?" please find my comments and remarks below. This is a manuscript which compares rates of transfusion and postoperative complications between anemic and nonanemic patients given Tranexamic who underwent primary total hip arthroplasty and total knee arthroplasty. The paper is well written and well structured. The major limitation of the study is the number of transfusions (only 4) and therefore power of the study is low. But since it is well documented and properly addressed I believe it could be published as it is. Some minor remarks: 1. line 42: all acronyms should be explained when used first time in text (ABT=?) 2. line 95: please provide more details about the cocktail for pain control since it can influence bleeding After minor revision I suggest this paper should be accepted for publication. Best regards, GB



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## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 16263

**Title:** Can tranexamic acid change preoperative anemia management during total joint arthroplasty?

**Reviewer's code:** 02444697

**Reviewer's country:** Austria

**Science editor:** Yue-Li Tian

**Date sent for review:** 2015-01-07 19:58

**Date reviewed:** 2015-01-19 21:53

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 type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

This is an interesting paper on a relevant issue. There are some issues i kindly ask to reconsider; 1) The sample size is relatively low, as the authors state, too. Absence of Evidence does not necessarily mean evidence of absence - this might have an impact on the interpretation of the reader and shall be persented therefore in detail. Was a power analyses performed and if yes was this in line with the differences measured? 2) The authors state as a limitation, that surgery was performed by a single surgeon; If they describe the standard process of surgery in detail (incision, implants used, anaesthesiology,...) this might convert to a strength of the study since a major limitation is eliminated (differences between surgeons) - the study team wants to test the effect of TXA in a clinical setting!!! To rephrase in that view would give the reader a good opportunity to assess whether the setting is appropriate for him and one can adopt the finding in the own clinical practive.



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## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 16263

**Title:** Can tranexamic acid change preoperative anemia management during total joint arthroplasty?

**Reviewer's code:** 00467045

**Reviewer's country:** Australia

**Science editor:** Yue-Li Tian

**Date sent for review:** 2015-01-07 19:58

**Date reviewed:** 2015-01-21 15:23

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
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<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

This is an interesting paper and a worthwhile study. There are clearly the limitations that only one surgeon performing the procedures and the numbers in the study are low, but the authors have acknowledged this. Given the limitations, I would be interested in slightly more elaboration (p 10) on where the authors think future studies should focus. There are also some minor grammatical revisions needed, as specified below: ? Can the authors please state acronyms in the text when first used e.g. Hb (in Abstract) and ABT on p 3? ? There are quite a few sentences starting with a percentage - can these please be reworded? ? The word 'drugs' is missing after anti-inflammatory on p 5, paragraph 1. ? On p 6 under Statistical Analysis, the authors said 'i.e.' when I think they mean 'e.g.' ? On p 6 under Results, another word rather than 'included' would be better as they already said 'inclusion criteria.' ? On p 7 line 127, 'patient' should be 'patients.' Figures 1 and 2: I was wondering if the authors could use different shading for anaemic and non-anaemic as they are hard to distinguish on a printed black and white copy.