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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

ESPS manuscript NO: 32877

Title: Perioperative blood management strategies for patients undergoing total knee replacement: Where do we stand now?

Reviewer's code: 01200726

Reviewer's country: Japan

Science editor: Jin-Xin Kong

Date sent for review: 2017-02-03 10:23

Date reviewed: 2017-02-04 22:37

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

COMMENTS TO AUTHORS

This review has useful information for the readers. It would be better to add more references of TXA.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

ESPS manuscript NO: 32877

Title: Perioperative blood management strategies for patients undergoing total knee replacement: Where do we stand now?

Reviewer's code: 02444795

Reviewer's country: United Kingdom

Science editor: Jin-Xin Kong

Date sent for review: 2017-02-03 10:23

Date reviewed: 2017-02-07 03:58

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 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

Please mention the 3 stage (pre-operative, intra-operative and post-operative) in the abstract. More detail required in the discussion as to how the three stages can complement each other.



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

ESPS manuscript NO: 32877

Title: Perioperative blood management strategies for patients undergoing total knee replacement: Where do we stand now?

Reviewer’s code: 03065412

Reviewer’s country: United Kingdom

Science editor: Jin-Xin Kong

Date sent for review: 2017-02-03 10:23

Date reviewed: 2017-02-10 18:25

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 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 a well-written informative article. Regarding points for improvement, I would suggest: 1. Avoid generalisations, and provide relevant facts where implicated e.g. 'Complications associated with ABT are well-known.' 2. Avoid the use of informal language e.g. 'In the first place, every orthopaedic surgeon should be able to plow through and understand any of these methods individually.' 3. Please provide better evidence regarding your average estimated blood loss for TKA - 'It's reported that patients undergoing TKA may result in blood loss range from 1000ml to 2000ml which necessitates subsequent allogeneic blood transfusion (ABT) in 10%-38% of them.' 'It's more than clear that TKA is a surgery with a blood loss reaching up to 2000ml.' This seems much higher than the reviewer's current practice. 4. The following sentence is not worded very clearly: 'Actually, it's been calculated that 9.8% of all transfusions being made are associated with total joint arthroplasty surgery (including fractures)' Please revise. 5. It is unclear why the following sentence is of relevance to the current article: 'The estimates of pre-operative anaemia prevalence in the literature ranges widely, from 5% to 75.8% in patients with end stage colon cancer.' Please clarify. 6.



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The authors should note the potential risks associated with EPO usage. 7. Please clarify the following phrase: 'the factor-rich buffy coat' 8. Please provide more evidence to justify the following phrase: 'Drainage is being used by the majority of orthopaedic surgeons in order to decrease haematoma and succeed in patients' early post-operative rehabilitation.' This is not routine in the reviewer's practice or experience.