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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics
ESPS manuscript NO: 17118
Title: Recent biological trends in management of fracture non-union
Reviewer's code: 02444860
Reviewer's country: Italy
Science editor: Yue-Li Tian
Date sent for review: 2015-02-13 13:21
Date reviewed: 2015-04-19 15:21

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Thanks for submitting this exhaustive review on the current knowledge of fracture and nonunion healing

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics
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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Reviewers' comments This is a very well written comprehensive review of the various methods of promoting osteoinduction and bone regeneration. Very valuable text for the readers. Few grammatical errors which need attention. Apart from that in my point of view, discussion on the 'bone graft substitutes' and artificial osteo-inductive agents deserved a more elaborate mention in the article; the biology involved should be discussed. Although the article is mostly about the biological techniques, but if we see the current trend of Orthopaedic surgeries and implants, the bone graft substitutes and osteo-inductive agents play a great role now a days, particularly in joint reconstruction, osteoporosis and bone tumor surgeries. A little emphasis on the use of these agents and their usefulness in particular scenarios would be very welcome. It would also be nice if the authors would discuss their preferred method of biological augmentation for fracture nonunions.