

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

ESPS manuscript NO: 17040

Title: The Use of Bone Marrow Derived Stem Cells in Trauma and Orthopaedics: a review of current concepts

Reviewer's code: 03069344

Reviewer's country: Turkey

Science editor: Fang-Fang Ji

Date sent for review: 2015-02-09 16:17

Date reviewed: 2015-02-10 20:15

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> [Y] Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> [] High priority for publication
<input checked="" type="checkbox"/> [Y] 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"/> [Y] 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"/> [Y] No	

COMMENTS TO AUTHORS

Dear Author, The Paper must undergo a minor revision with respect to language to content.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

ESPS manuscript NO: 17040

Title: The Use of Bone Marrow Derived Stem Cells in Trauma and Orthopaedics: a review of current concepts

Reviewer's code: 00502762

Reviewer's country: Canada

Science editor: Fang-Fang Ji

Date sent for review: 2015-02-09 16:17

Date reviewed: 2015-03-24 19:36

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> [Y] Accept
<input checked="" type="checkbox"/> [Y] Grade B: Very good	<input checked="" type="checkbox"/> [Y] 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"/> [Y] 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"/> [Y] No	

COMMENTS TO AUTHORS

nice review. introduction needs more citations. i would like to see a paragraph for each section on mechanisms. if the mechanisms are not known speculation is fine. PLease avoid language of course or absolutely creating closed sentences.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

ESPS manuscript NO: 17040

Title: The Use of Bone Marrow Derived Stem Cells in Trauma and Orthopaedics: a review of current concepts

Reviewer's code: 00504407

Reviewer's country: Norway

Science editor: Fang-Fang Ji

Date sent for review: 2015-02-09 16:17

Date reviewed: 2015-02-23 22:43

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

COMMENTS TO AUTHORS

The whole manuscript needs a thorough revision (evidenced by lacking periods and wrong abbreviations). In particular, the authors ought to consider the following minors: ? Abstract: The authors use both the abbreviation and the full version of "bone marrow-derived stem cells". ? Introduction, second paragraph: Please clarify or specify what is meant by "environment" and if possible, use a few good examples. ? Introduction, second paragraph: A lot of statements, but no references are used. Please consider to add references to improve the manuscript. ? Introduction, last paragraph: Please consider to add a reference or more to support the statement "The high incidence of such injuries highlights the need for novel, more effective treatments". ? Rotator cuff section: It might help the reader and improve the manuscript by shortly adding an explanation of the "secondary rotator cuff..." sentence. ? Rotator cuff section: MHC is not explained or written in full. ? Rotator cuff section, second paragraph (and page 6): The abbreviation BDMSC is not explained (or do you mean BMDSC??) ? Rotator cuff section, second paragraph: Please clarify what is meant by "similar beneficial outcome...". ? Rotator cuff section, third paragraph: Please be specific and clarify

what is meant by “physiological dose of insulin”. ? Rotator cuff section, 4th paragraph, second sentence: Revise the sentence. ? Rotator cuff section, last paragraph, first sentence: Revise. ? Tendons and ligaments section, second paragraph: Please clarify what is meant by “SCS”? ? Tendons and ligaments section, third paragraph, second sentence: Why not use the “BMDSC” abbreviation? ? Tendons and ligaments section, third paragraph: Please explain (write in full) “GDF-5”. ? Cartilage section: The first sentence in the second paragraph seem to point to a previous sentence. Please clarify and/or revise. ? Cartilage section, second paragraph. The authors state that there “is a plethora of publications..”, but are only referring to a few. It would improve the statement (and content) by describing and using more references. ? Cartilage section, second paragraph, last sentences: The topic of “choice of scaffold” – please consider discussing this more in depth and not only mentioning it by examples. ? Meniscus section, second paragraph: Do all potential readers know what “collagen-GAG ...” is? Please consider to help the reader and explain the expression/abbreviation. ? Meniscus section, third paragraph: The abbreviation BM-MS lack explanation. ? Bone defects section: VEGF abbreviation – write in full first time. ? Osseous non-unions section: Please explain “passage 1”.