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8226 Regency Drive, Pleasanton, CA 94588, USA
 Telephone: +1-925-223-8242 Fax: +1-925-223-8243
 E-mail: bpgoffice@wjgnet.com http://www.wjgnet.com

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

ESPS manuscript NO: 20240

Title: Postural spinal balance defined by net intersegmental moments: Results of a biomechanical approach and experimental errors measurement

Reviewer's code: 03270459

Reviewer's country: China

Science editor: Yue-Li Tian

Date sent for review: 2015-05-30 17:04

Date reviewed: 2015-06-08 16:11

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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" 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 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

The study is interesting. Manuscript needs major revision: What is your inclusion and exclusion criteria of your volunteers? Please explain those clearly. Authors could introduce consistency test to comparison of intra-observer (inter-session) and inter-observer (inter-therapist) to maintain accuracy. Table 1, 2, 3 add more specific information in the first line. At the end of Discussion, it is advisable to add a concise conclusion of the whole study. As for writing, the abstract is too tedious; Ethical statement should be more specific; format of the whole manuscript should be adjusted.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

ESPS manuscript NO: 20240

Title: Postural spinal balance defined by net intersegmental moments: Results of a biomechanical approach and experimental errors measurement

Reviewer's code: 02444729

Reviewer's country: Greece

Science editor: Yue-Li Tian

Date sent for review: 2015-05-30 17:04

Date reviewed: 2015-06-28 23:48

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

In this Biomechanical study the authors describe the initial results and experimental error measurement of a protocol analyzing Human posture through sagittal intersegmental moments. After elaboration of a specific marker-set, 4 successive recordings were done on two volunteers by three different operators during three sessions in order to evaluate the experimental error measurement. A supplementary acquisition in a "radiographic" posture was also obtained. And these authors concluded that the first results confirm the technical feasibility of the protocol while the characterization of sagittal intersegmental net moments can have clinical applications such as evaluation of an unfused segment after a spinal arthrodesis. This is a very interesting study that helps in understanding the intersegmental moments in the human spine. Although more clinical studies are needed to justify the important findings of this experimental study, this nice paper merits publication in this journal.