

## PEER-REVIEW REPORT

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

**Manuscript NO:** 68289

**Title:** Assessing the Academic Achievement of US Orthopaedic Departments

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03680772

**Position:** Peer Reviewer

**Academic degree:** MCh, MD

**Professional title:** Associate Professor, Doctor

**Reviewer's Country/Territory:** Thailand

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-05-17

**Reviewer chosen by:** Ze-Mao Gong

**Reviewer accepted review:** 2021-09-04 02:04

**Reviewer performed review:** 2021-09-10 13:40

**Review time:** 6 Days and 11 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous

**statements**Conflicts-of-Interest: [ ] Yes [ **Y** ] No**SPECIFIC COMMENTS TO AUTHORS**

Thank you for the invitation of this interesting study. This study aimed to develop a weighted algorithm for assessing the academic productivity across 178 available orthopaedic programs in US. In my opinion, this study seems to be an improved version from the authors' previous study. However, a few questions regarding to the calculation method and the usefulness of this algorithm should be addressed as followed; 1. Did one department have more than one program? If yes, would the score calculated by this algorithm make it differently between programs? 2. By measuring the academic productivity with this weighted algorithm, the authors could identify which department having good funding, numerous highly and renowned scholars, and many publications. However, does it interpret the quality of publications or its usefulness in the way of best research quality? 3. Does this algorithm have an effective tool for assessment the quality of training program? 4. Due to the methodology for only US programs, please discuss on how to use this algorithm in different countries?