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PEER-REVIEW REPORT

Name of journal: *World Journal of Orthopedics*

Manuscript NO: 83916

Title: Automated patellar height assessment on high-resolution radiographs with a novel deep learning-based approach

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06090125

Position: Peer Reviewer

Academic degree: MD

Professional title: Lecturer, Technical Editor

Reviewer's Country/Territory: Iraq

Author's Country/Territory: Poland

Manuscript submission date: 2023-02-15

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-03-06 03:22

Reviewer performed review: 2023-03-09 07:10

Review time: 3 Days and 3 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This manuscript is well and good at innovation and clears the clarity of the reader. It is well structured and well written. The author does a good job of presenting a highly technical and complicated process in an easy-to-understand manner. Authors need to cross check the reference section by addressing the cited contents in the introduction and related work part. The introduction must be an extended version of the abstract. The authors must elaborate on the points highlighted on the abstract and give supportive ideas and references. The conclusions in this manuscript are primitive. Rewrite your conclusions. References aren't formatted according to rules. Additional References: The following articles could be useful: • Has the Future Started? The Current Growth of Artificial Intelligence, Machine Learning, and Deep Learning. <https://doi.org/10.52866/ijcsm.2022.01.01.013> • A diagnostic testing for people with appendicitis using machine learning techniques. <https://doi.org/10.1007/s11042-022-11939-8>

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Reviewer's code: 05213310

Position: Editorial Board

Academic degree: PhD

Professional title: Adjunct Professor, Full Professor

Reviewer's Country/Territory: Saudi Arabia

Author's Country/Territory: Poland

Manuscript submission date: 2023-02-15

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-03-12 03:40

Reviewer performed review: 2023-03-12 16:35

Review time: 12 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. Change the study's title to reflect the goal for which the current study was created. 2. The new title should be twenty words or less and free of abbreviations, as these are the characteristics of a good title in terms of research, according to scientific research methods. 3. The results section of the study abstract should focus solely on highlighting the most important findings of the current study. 4. The study's abstract is very long and contains fillers in the information. I hope it to shorten further and keep only what is important and serves the research's interests. 5. The study's introduction is also very long and should be condensed into two to three paragraphs at most, with the last paragraphs devoted to highlighting the research problem and how to address it within the framework of the goal for which the current study was designed. 6. The method section was well-written and does not require modification. I only have one query. Are the images attached to it from the researcher's work or from other sources? I hope author(s) consider property rights if these images come from other sources. 7. It is critical to review the progress of the results in the current study to avoid any errors that reduce the quality of the research results. 8. The final paragraph of the discussion section should

be devoted to highlighting the current study's strengths and weaknesses, as well as explaining the current study's future directions. 9. The conclusion also has a lot of extravagance and requires a lot of abbreviation, taking into account the answer to the main question that the reader is waiting for. Was the current study successful in solving the research problem? 10. Some references need to be updated so that references prior to 2015 are replaced with new ones and what is unnecessary is removed from the current references, as the number of references is 31, which is a large number to use in the current study. Good luck,