



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Pediatrics

**Manuscript NO:** 62877

**Title:** Indirect Determination of Serum Creatinine Reference Intervals in Pakistani Pediatric Population Using Big Data Analytics

**Reviewer's code:** 05446638

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Research Scientist

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

**Author's Country/Territory:** Pakistan

**Manuscript submission date:** 2021-01-20

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-20 17:10

**Reviewer performed review:** 2021-01-22 16:19

**Review time:** 1 Day and 23 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<br><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 Grade E: Do not publish            |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<br><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)<br><input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection             |
| <b>Re-review</b>                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |
| <b>Peer-reviewer statements</b> | Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous<br>Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)  
**https://**[www.wjgnet.com](https://www.wjgnet.com)

#### **SPECIFIC COMMENTS TO AUTHORS**

I want to thank the authors for the interesting study and work with so big data. I would like to know about the limitations of your research. And secondly, the study used data from healthy children or children with some kind of chronic pathology, was there a distinction between these data?



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Clinical Pediatrics

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**Title:** Indirect Determination of Serum Creatinine Reference Intervals in Pakistani Pediatric Population Using Big Data Analytics

**Reviewer's code:** 05446638

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Research Scientist

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

**Author's Country/Territory:** Pakistan

**Manuscript submission date:** 2021-01-20

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2021-02-17 16:47

**Reviewer performed review:** 2021-02-20 20:49

**Review time:** 3 Days and 4 Hours

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

### SPECIFIC COMMENTS TO AUTHORS



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**[www.wjgnet.com](https://www.wjgnet.com)

Thank you for the revisions. Most of the points are clarified, it's interesting to read. 1. The article is devoted to an interesting topic and the authors carried out serious work with so big data. The study has substantiated the utility of an alternative validated indirect algorithm by data mining in a clinical laboratory in this country. The title, abstract, and keywords reflect the main subject of this manuscript. 2. The new concepts can be easily adopted by laboratories and can help to facilitate clinical care. 3. The results of this study demonstrate the complex age- and gender-related dynamics occurring with physiological development. The limitation of this study is using data from healthy children and children with some kind of chronic pathology without their differences.