PEER-REVIEW REPORT

Name of journal: World Journal of Methodology

Manuscript NO: 75219

Title: Are We Aware Of Radiation: A Study About The Necessity Of Diagnostic X-Ray Exposure

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05689407

Position: Peer Reviewer

Academic degree: PhD

Professional title: Postdoc

Reviewer’s Country/Territory: Spain

Author’s Country/Territory: Turkey

Manuscript submission date: 2022-01-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-03 08:53

Reviewer performed review: 2022-02-05 16:33

Review time: 2 Days and 7 Hours

<table>
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<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
<th>Grade D: Fair</th>
<th>Grade E: Do not publish</th>
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<td>Language quality</td>
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<td>Grade B: Minor language polishing</td>
<td>Grade C: A great deal of language polishing</td>
<td>Grade D: Rejection</td>
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<td>Conclusion</td>
<td>Accept (High priority)</td>
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<td>Minor revision</td>
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<td>Re-review</td>
<td>Yes</td>
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Peer-reviewer statements

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<th>Peer-Review: [Y] Anonymous</th>
<th>[ ] Onymous</th>
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<td>Conflicts-of-Interest: [ ] Yes</td>
<td>[Y] No</td>
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SPECIFIC COMMENTS TO AUTHORS
### PEER-REVIEW REPORT

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**Manuscript NO:** 75219

**Title:** Are We Aware Of Radiation: A Study About The Necessity Of Diagnostic X-Ray Exposure

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

**Peer-review model:** Single blind

**Reviewer’s code:** 03810675

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Lecturer, Research Scientist, Teacher

**Reviewer’s Country/Territory:** China

**Author’s Country/Territory:** Turkey

**Manuscript submission date:** 2022-01-19

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-07 02:16

**Reviewer performed review:** 2022-02-07 04:08

**Review time:** 1 Hour

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SPECIFIC COMMENTS TO AUTHORS
The authors show us a good investigation about diagnostic X-ray exposure. This topic is very important since over-exposure may harm patients’ health. But the innovation of the manuscript is poor. Major comments: 1. Avoiding unnecessary medical irradiation is very crucial and attracting the attention of clinicians is very important. But the author did not give some working suggestions to solve this problem, such as avoiding unnecessary CT scans. 2. The conclusion suggests that both patients and physicians may without enough knowledge about ionizing radiation. If the author wants to attract necessary attention about diagnostic X-rays through this manuscript, the author could provide more data about misapplying about medical irradiation and its serious consequences.