

[Review Form3](#)

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|--------------------------|---|
| Book Name:               | <a href="#">Achievements and Challenges of Medicine and Medical Science</a> |
| Manuscript Number:       | Ms_BPR_3986   |
| Title of the Manuscript: | Undiagnosed hypertension in young professional educators: Recent update     |
| Type of the Article      | Book chapter  |

**PART 1: Comments**

|  | Reviewer's comment  | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|---|---|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | This manuscript provides significant insights into the prevalence and risk factors of hypertension (HTN) among professional educators, a population often overlooked in health research. By adopting the updated American Heart Association (AHA) guidelines, the study highlights the alarming rate of elevated blood pressure, emphasizing the need for early detection and management in this professional group. The association of HTN with age and body mass index (BMI), even among individuals with normal BMI, underlines critical areas for further investigation and intervention.                                       |   |
| Is the title of the article suitable? (If not please suggest an alternative title)   | <ol style="list-style-type: none"> <li>The phrase "Recent Update" may be a bit vague and could be replaced with more specific wording about the study's scope or methods (e.g., "Using Updated AHA Guidelines" or "A Cross-Sectional Study in Vadodara").</li> <li>Including the geographical context (e.g., "in Vadodara City") might add specificity and interest to potential readers, especially if the research holds regional significance.</li> <li>A revised title could be: "Prevalence and Risk Factors of Undiagnosed Hypertension Among Young Professional Educators: A Study Using Updated AHA Guidelines."</li> </ol> |   |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.      | Overall, the abstract is strong, adjustments would make it sharper and more reader-friendly. For e.g., Briefly mention how the AHA guidelines differ from previous thresholds and their significance.   |   |
| Is the manuscript scientifically, correct? Please write here.  | The manuscript appears to be scientifically sound based on the provided content. It addresses a well-defined research question using a cross-sectional study design, adheres to ethical guidelines, and applies updated American Heart Association (AHA) hypertension criteria. Key findings are supported by statistical analyses, such as Chi-square tests, which appropriately highlight significant associations between hypertension, age, and body mass index (BMI).  |   |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.<br>:                         | <p>The references listed in the manuscript are relevant, supporting the study's findings and aligning with the context of hypertension, its prevalence, and associated risk factors. Several references, such as the AHA guidelines and WHO reports, are foundational and pertinent for this type of research.</p> <p><b>Suggestions for Additional References:</b></p> <ul style="list-style-type: none"> <li>Global Hypertension Data: Look for more recent Global Burden of Disease studies or publications from 2021-2023 on hypertension prevalence.</li> </ul>  |   |

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|---|---|--|
| Is the language/English quality of the article suitable for scholarly communications? | The language used in the manuscript is generally suitable for scholarly communication. There is noticeable repetition, especially regarding the AHA guidelines and certain findings. Reducing redundancy would enhance readability. |  |
| <u>Optional/General</u> comments  |   |  |

**PART 2:**

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|---|--|--|
|   | <u>Reviewer's comment</u>  | <u>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</u> |
| <u>Are there ethical issues in this manuscript?</u> | <u>(If yes, Kindly please write down the ethical issues here in details)</u> |  |

**Reviewer Details:**

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|---|--|
| <b>Name:</b>                                | Tahrir Etihad Kadium                                     |
| <b>Department, University &amp; Country</b> | Alkindy College of Medicine, University of Baghdad, Iraq |