

Review Form 3

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| Journal Name: | Journal of Advances in Medicine and Medical Research |
| Manuscript Number: | Ms_JAMMR_130260 |
| Title of the Manuscript: | EPIDEMIOLOGICAL PROFILE OF HOSPITALIZATIONS FOR ACUTE MYOCARDIAL INFARCTION IN THE MUNICIPALITY OF BELÉM DO PARÁ BETWEEN 2019 AND 2023 |
| Type of the Article | Original Research Article |

PART 1: Comments

| | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| 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 valuable insights into the growing incidence of acute myocardial infarction (AMI) in Belém do Pará, Brazil, over a five-year period. It emphasizes key demographic and clinical trends, offering critical data for local healthcare planning and resource allocation. The findings underscore the need for tailored public health strategies, particularly for the most vulnerable groups, such as men in the 60-69 age group. Moreover, the study contributes to the broader understanding of regional disparities in AMI incidence and mortality, which can inform similar investigations in other parts of Brazil and globally. The manuscript highlights the urgent need for preventive measures and health education, making it a useful resource for researchers, healthcare professionals, and policymakers aiming to address cardiovascular diseases. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | <p>The title is suitable as it clearly conveys the main focus of the study: the epidemiological profile of hospitalizations for acute myocardial infarction in Belém do Pará. However, it could be slightly refined for better clarity and specificity. A suggested alternative could be:</p> <p>"Epidemiological Profile and Trends of Hospitalizations for Acute Myocardial Infarction in Belém do Pará, 2019-2023"</p> <p>This alternative title more clearly emphasizes both the profile and the trends observed in the study.</p> | |
| 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. | <p>The abstract is generally comprehensive, providing a clear summary of the study's objectives, methodology, results, and conclusions. However, it could benefit from a brief mention of the key findings related to specific demographic groups or mortality trends, as these are central to the manuscript. Suggested revision:</p> <p>"This study analyzes hospitalizations for acute myocardial infarction (AMI) in Belém do Pará from 2019 to 2023, focusing on trends, demographic characteristics, and implications for public health strategies. We observed a significant increase in AMI hospitalizations, with the highest peak in 2022. The most affected demographic was men of brown race/color in the 60-69 age group, highlighting the need for targeted prevention strategies. Our findings call for urgent health policies to reduce AMI incidence and improve health outcomes."</p> | |
| Is the manuscript scientifically, correct? Please write here. | The manuscript is scientifically correct, with a clear and logical presentation of data, trends, and implications for public health. The methodology is well-structured, and the discussion is supported by relevant data. The research draws on existing literature to contextualize the findings and provides an accurate reflection of the regional health scenario. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | yes | |

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| Is the language/English quality of the article suitable for scholarly communications? | The language quality is generally suitable for scholarly communication. However, there are some minor improvements that could be made for clarity and flow. | |
| Optional/General comments | | |

PART 2:

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| | Reviewer’s comment | 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) |
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) | |

Reviewer Details:

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| Department, University & Country | Vignan Pharmacy College, India |