

Review Form 3

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)
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.	We would like to express our sincere gratitude for the detailed and enriching commentary on our manuscript. It is extremely gratifying to know that the study was recognized as a significant contribution to the understanding of acute myocardial infarction, especially in the regional context of Belém do Pará.
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><b>"Epidemiological Profile and Trends of Hospitalizations for Acute Myocardial Infarction in Belém do Pará, 2019-2023"</b></p> <p>This alternative title more clearly emphasizes both the profile and the trends observed in the study.</p>	Based on your consideration, the title was adjusted to: Epidemiological profile and trends in hospitalizations for acute myocardial infarction in Belém do Pará, 2019-2023: Implications for public health.
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>	Excerpts from the abstract have been changed as per suggestion.
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.	We sincerely appreciate the recognition of the scientific accuracy of our manuscript. It is very gratifying to know that the presentation of the data, the methodology and the discussion were considered clear and well-founded.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	yes	We appreciate the confirmation that the references used in the manuscript are sufficient and recent. This assessment reinforces the validity and timeliness of our work, which is essential to ensure its scientific relevance.

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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.	Punctuation changes have been made for better fluidity during reading
Optional/General comments		

PART 2:

	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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	There are no ethical issues in the manuscript, given that secondary data were used and are freely accessible to all.