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| Journal Name: | [**Advances in Research**](https://journalair.com/index.php/AIR) |
| Manuscript Number: | **Ms\_AIR\_138248** |
| Title of the Manuscript: | **Analysis of the epidemiological impact of a public health policy against meningococcal meningitis in children in Maranhão, state of Brazil** |
| Type of the Article | **Retrospective, cross-sectional, and descriptive** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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 study aimed to describe the effectiveness of the Meningococcal C vaccine (MeCV) on the incidence and mortality of meningococcal disease in children aged up to 9 years old in Maranhão, Brazil, from 2001 to 2020. The authors have found a notable reduction in the incidence rate of the disease despite an increase in mortality.** | Thank you for your valuable contribution. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | Thank you for your valuable contribution. |
| 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. | **The abstract is comprehensive. However, the authors may include the age of the study population in the conclusion or results section as this is a very important feature for such an epidemiologic study** | We apply your suggestion, thank you for your valuable contribution. |
| Is the manuscript scientifically, correct? Please write here. | The study points out a very important issue (increased mortality) however includes many confounders that have not been included as a limitation to their study or addressed properly in the manuscript | We apply your suggestion, thank you for your valuable contribution. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are not correctly inserted and lack numbering. Authors should use a proper referencing system by using the appropriate software.  Needs more references on the similar topic or at least reports the prevalence in different areas (including outside Brazil) to serve the purpose of being an epidemiologic study on the topic. | We apply your suggestion, thank you for your valuable contribution. |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript has many English errors | We made an English review, thank you for your valuable contribution. |
| Optional/General comments | **Font error is present** | We changed everything that was requested, thank you for your valuable contribution. |

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| **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?** | *(If yes, Kindly please write down the ethical issues here in details)* | No |