



REVIEWER'S REPORT

Manuscript No.: IJAR-56560

Title: Lifestyle Determinants and Health Outcomes Associated with Childhood Obesity: A Systematic Review of Current Evidence.

Recommendation:

- Accept as it is
- Accept after minor revision.....
- Accept after major revision
- Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality			✓	
Clarity		✓		
Significance		✓		

Reviewer id : JPR-094

Reviewer's Comment for Publication.

The manuscript addresses an important public health issue, namely the increasing prevalence of childhood obesity and the lifestyle determinants associated with it. The topic is timely and relevant, as childhood obesity has become a global concern with significant long-term health implications. The manuscript provides a concise overview of key behavioral factors including sleep duration, sedentary behavior, dietary patterns, and physical activity, and it attempts to synthesize evidence from previously published studies.

The overall structure of the manuscript is clear and follows a logical progression from background and objectives to methodology, results, discussion, and conclusions. The inclusion of graphical summaries of lifestyle factors and obesity risk helps in presenting the information in a simple and understandable manner.

However, several aspects of the manuscript require improvement. First, although the study is presented as a systematic review, the methodology lacks sufficient detail to meet standard systematic review guidelines. Important elements such as the search strategy, specific keywords used, time frame of the literature search, number of studies initially identified, screening process, and final number of included studies are not clearly described. The absence of a PRISMA flow diagram also limits transparency in the study selection process.

Second, the results section mainly summarizes general trends and provides hypothetical or simplified graphical data rather than clearly reporting findings from specific studies. The manuscript would benefit from a more structured synthesis of the reviewed literature, including clearer descriptions of study characteristics, sample sizes, and key outcomes.

Third, the discussion section could be expanded to include a more critical interpretation of the findings, comparison with previous systematic reviews, and discussion of potential limitations of the review. At

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present, the discussion remains relatively descriptive and does not sufficiently evaluate the strength of the available evidence.

Additionally, minor language editing and formatting improvements would enhance clarity. Some sections could be strengthened with more precise citations and updated references to recent literature on childhood obesity.

Overall, the manuscript highlights an important topic and has the potential to contribute to the literature on childhood obesity prevention. With minor revisions to improve methodological transparency, strengthen the results synthesis, and expand the discussion, the paper could be suitable for publication.