

Peer Review Report

Review Report on Childhood socioeconomic position and cardiovascular disease among older women and men: The moderating role of parenthood onset

Original Article, Int J Public Health

Reviewer: Vânia Oliveira

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EVALUATION

Q 1 Please summarize the main findings of the study.

The present study aims to answer an important question, namely, the role of age at birth of the first child in the association of childhood socioeconomic status with future cardiovascular outcomes.

Q 2 Please highlight the limitations and strengths.

The study is well designed and written.

The authors found important associations. They tried to assess the possible moderating effect of age at birth of the first child, with interesting results, but the study has some methodological limitations.

I suggest presenting a model of association between exposure and outcome in the general sample. It would be interesting to test the interaction between exposure and gender to assess the need to stratify the sample. They should also adjust the model for confounders that precede the outcome and exposure, not including variables that may be in the causal midway between exposure and outcome (e.g., diagnosis of high blood pressure, high cholesterol, and tobacco use).

As the contribution of this work can be important, I would be grateful if the authors would add these suggested analyses.

Q 3 Please provide your detailed review report to the authors. The editors prefer to receive your review structured in major and minor comments. Please consider in your review the methods (statistical methods valid and correctly applied (e.g. sample size, choice of test), is the study replicable based on the method description?), results, data interpretation and references. If there are any objective errors, or if the conclusions are not supported, you should detail your concerns.

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PLEASE COMMENT

Q 4 Is the title appropriate, concise, attractive?

The title is not appropriate for the study design.

Q 5 Are the keywords appropriate?

Yes. Keywords are appropriate.

Q 6 Is the English language of sufficient quality?

Yes.

Q 7 Is the quality of the figures and tables satisfactory?

Yes.

Q 8 Does the reference list cover the relevant literature adequately and in an unbiased manner?)

Yes.

QUALITY ASSESSMENT

Q 9 Originality



Q 10 Rigor



Q 11 Significance to the field



Q 12 Interest to a general audience



Q 13 Quality of the writing



Q 14 Overall scientific quality of the study



REVISION LEVEL

Q 15 Please make a recommendation based on your comments:

Major revisions.