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**Column:** Observational Study

**Title:** Prevalence of risk factors for cardiovascular and kidney disease in Brazilian healthy preschool children

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**Scientific editor:** Fang-Fang Ji

Dear Scientific Editor,

Thank you for your e-mail with the comments about the above manuscript. We carefully read your and the reviewers' comments and our answers (Marked with an A) are detailed below. As instructed, the changes in the revised manuscript are **highlighted in yellow and in bold style**.

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**A:** The manuscript was revised according to the reviewers' comments and editor's comments.

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- 3 How did the authors process all experimental data?
- 4 How did the authors deal with the pre-study hypothesis?
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data sharing statement. You can find the detailed requirements in the Guidelines and Requirements for Manuscript Revision-Observational Study and in the Format for Manuscript Revision-Observational Study, both of which are provided as attachments.

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**Step 7.** Please provide the approved grant application form(s) or funding agency copy of any approval document(s)/letter(s). For manuscripts supported by various foundations (i.e., charitable, not-for-profit organizations), the authors should provide a copy of the full approved grant application form(s) or funding agency copy of any approval document(s)/letter(s), consisting of the information section and body section in PDF format. The approved grant application form(s) or funding agency copy of any approval document(s)/letter(s) will be released online together with the manuscript in order for readers to obtain more information about the study and to increase the likelihood of subsequent citation.

**A:** There were no grants or funding agency for the present study.

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submitting the revision. The documents should be named as manuscript No.-documents category, such as 28384-Revised manuscript. Please use this rule to name all the documents as listed below.

- 1 28384-Revised manuscript
- 2 28384-Answering reviewers
- 3 28384-Copyright assignment
- 4 28384-Scientific research process
- 5 28384-Audio core tip
- 6 28384-Institutional review board statement
- 7 28384-Informed consent statement
- 8 28384-Biostatistics statement
- 9 28384-Conflict-of-interest statement
- 10 28384-Data sharing statement
- 11 28384-Google Scholar
- 12 28384-CrossCheck
- 13 28384-Grant application form(s)
- 14 28384-Language certificate

As your manuscript is an Observational Study, you are required to provide documents No. 1 to No. 12 above, according to the Committee on Publication Ethics.

If the manuscript supported by foundations, then the No. 13 document must be provided as well.

If the authors are non-native speakers of English, then the No. 14 document must be provided as well.

If the authors cannot provide all of the documents required, the editorial office will not be able to accept the manuscript for publication. We apologize if this regulation poses any inconvenience, and thank you for your understanding!

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Best regards,

**A:** The revised manuscript and all related documents were submitted.

#### **Reviewer: 1**

This is a well written observational cross-sectional study with 60 healthy preschool children and 56 mothers. The results showed an association between overweight/obesity during preschool years and the correspondent mothers. The design and results are novel. I have some concerns:

Comments to the Author

1. This work is very interesting, but the object number is very small.

**A:** Considering the study, we can explain the small number of participants because:

- The difficulty to recruit them due to age,
- Parents' refusal to accept the study

If we are looking for risk factors for cardiovascular and kidney disease in healthy pre school children in the literature, we will also find studies with small sample

size. Indeed, these studies are few. It is very difficult to do research with preschool children.

2. Some grammar and type errors should be improved.

**A:** We agree and we will improve the text.

**Reviewer: 2**

This is a well-written article that addressed an interesting issue in clinical medicine. I have several comments to make:

1. English language needs extensive revision by native speakers. For example, “serum cholesterol and consumption of food associated with risk for CVD and RD” should be a separate sentence. The sentence should be corrected by the form: Be associated with increased risk of ...

**A:** We agree and we will modify it.

2. “There were 35 male children, mean age  $4.44 \pm 1.0$  years, 89% eutrophic, 87% sedentary.”-----this is not a sentence!

**A:** We agree and we will modify it.

3. “Mother’s age was  $32.5 \pm 7.1$ ”-----there should be a unit for age!

**A:** We agree and we will modify it.

4. “nutritional status of overweight/obesity”-----nutritional status is usually used to assess malnutrition, and overweight/obesity is another concept.

**A:** We agree and we will modify it.

5. Bivariate analysis and statistical analysis were not well described. The authors can cite the reference (Ann Transl Med. 2016 Mar;4(5):91. doi: 10.21037/atm.2016.02.11.) and divide the section into statistical description and statistical inference.

**A:** We agree and we will modify it and we will add this reference.

6. “To estimate the risk odds ratio and 95% CI were chosen (OR).”-----this sentence is unclear.

**A:** We agree and we will modify it.

7. Do you consider multivariable analysis to control for confounding factors? Use the reference (Ann Transl Med. 2016 Mar;4(6):111. doi: 10.21037/atm.2016.02.15.) to support your analysis or add some discussion on the limitation of cross-sectional studies that the confounding factor is of vital importance.

**A:** Yes, we considered multivariable analysis to control for confounding factors. We will add the suggested reference.