

Review Form 1.7

Journal Name:	Asian Journal of Pediatric Research
Manuscript Number:	Ms_AJPR_111521
Title of the Manuscript:	Impact of air pollution from the Libreville landfill on children aged 3 to 11 years. Comparative study of children living in the vicinity versus children living far.
Type of the Article	Case Control research Article

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### PART 1: Review Comments

	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)
<b>Compulsory</b> REVISION comments  1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)  2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)  3. <b>Is the abstract of the article comprehensive?</b>  4. <b>Are subsections and structure of the manuscript appropriate?</b>  5. <b>Do you think the manuscript is scientifically correct?</b>  6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b>  <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	Yes           Yes           Yes           Yes           Yes           Yes	
<b>Minor</b> REVISION comments  1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	Yes	
<b>Optional/General</b> comments	<ul style="list-style-type: none"> <li>• More details could have been provided on the study locations and population demographics. Information like population density around the landfill and control sites would be useful.</li> <li>• The air sampling was done only on three days. More extensive sampling over multiple seasons would better characterize exposure over time.</li> <li>• Possible information bias from self-reported health outcomes in the past year. Medical records validation would strengthen the outcomes assessment.</li> <li>• The cross-sectional design assesses associations at one point in time. A longitudinal cohort study would better establish temporal relationships between exposures and outcomes.</li> <li>• The groups differed significantly in socioeconomic status which could confound the associations with landfill exposures. Statistical adjustment helps but does not fully control for this.</li> <li>• Conclusions regarding causation are too strong given the observational study design. Language should reflect associations rather than definitive causal claims.</li> <li>• Overall, this is a well-designed and implemented study that provides useful evidence on the health impacts of landfill exposures on children. Some limitations could be addressed with a more robust study design and methodology. But it makes a valuable contribution to the environmental health literature.</li> </ul>	<ul style="list-style-type: none"> <li>• We have the data on the location and density but it will extend the length of the article.</li> <li>• Gabon is in the Equatorial Region of Africa, we have a “semper virente” climate, it rains all the year with two short periods of less rains.</li> <li>• It is clearly mentioned that the Health (medical) record was mandatory and its absence was an exclusion criteria</li> <li>• We agree, and we think that since the Dandora study in Kenya for environmental studies cross-sectionnal studies are enough, except if the purpose is to study the effect of new pollutants. Hence we have a lack of funding we do the best with the less we had.</li> <li>• Causal claims have been established in strongest studies prior to us, these studies are cited in the discussion. We rely on them to preview what could happen in the future for the populations.</li> <li>• We completely agree with you. As it was a short budget study, we think we put out enough clues to take decision and bring our part of reality in this field of health</li> </ul>

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PART 2:

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	