Reviewer's report

Title: The high-cost type 2 diabetes mellitus patient: an analysis of managed care administrative data

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Reviewer: Mickaël Hiligsmann

Reviewer's report:

The authors estimated the cost of type 2 diabetes mellitus patient using managed care administrative data. The article is relevant, well written and the methodology is sound. I have however some minor questions/comments to further strengthen the paper.

- Abstract (Conclusion): The conclusion should be rewritten in relation to the objectives of the paper (to assess the predictors of being a high cost patients). The last sentence of the abstract is not related to the content of the article and should be deleted. The authors have not discussed and reviewed current approaches.

- Page 9: I would suggest deleting discussion in the heading.

- In the introduction, the authors explain that identifying the patients with high costs could be of significant interest to health care payers because interventions could be developed that would focus on patients who are likely to become HC. A discussion surrounding this remark is needed in the discussion of the article. Have any existing intervention been shown to be more effective in patients with high CCI, for example?

- The implications of the study findings should also be extensively discussed. It is not clear what to do with these results. What are the recommendations for health care providers? To focus on patients with high costs? Or to develop effective treatments in high cost patients? Or others?

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

Bo conflict of interest related to the content of the manuscript