Reviewer’s report

Title: Brazilian Study in Multiple Sclerosis: a cross-sectional study to assess the humanistic and economic impacts of disease.

Version: 4 Date: 14 September 2015

Reviewer: Amin Torabipour

Reviewer’s report:

Title:
- The title is not clear and concise. I recommend the following title:
"Costs analysis of Multiple Sclerosis in Brazil: a cross-sectional multi center study"

Abstract:
1-The method needs to be completed. The number of patients and time of study should be added in abstract.
2-this is a cross-sectional study (add type of study in methods section.)

Main text:
Methodology:
1-there is not sampling methods and sample size in methodology.
2-there is not a reference for "resource utilization" part in methodology.
3-Why authors have used from parametric and non-parametric tests (ANOVA and Kruskal-Wallis) Simultaneously? You have not answered this question in previous review.
4-why the t-test is not used for determination of difference between the means in two groups?

Results:
1-Did you calculate the travel expenses as unit costs? You have not answered this question.
2- Please show the disease modifying drugs separately (in table 3). In methodology, you have stated that there was cost of DMTs separately.
3-in table1, type of medical insurance should be explained.
4-the statistical tests are not specified in figure1 and 2.

Discussion:
-discuss more about the details of direct costs and compare these in other countries.

Conclusions:
-conclusion is not relevant and concise. Particularly, first sentence of conclusion
is not relevant to objectives of this study.

**Level of interest:** An article of importance in its field

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests.