Reviewer's report

Title: Retirement due to disabilities in Patients with Type 1 Diabetes: a Nationwide Multicenter Survey in Brazil

Version: 2 Date: 24 March 2015

Reviewer: David W Niebuhr

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Minor Essential Revisions:
1. Abstract results, line 64, change "...for economic status" to "...for high economic status."
2. Sample of the present study, line 171 change to read "...who presented no criteria to be either employed or retired..."

Major Compulsory Revisions
3. Statistical analysis: Include how covariates were handled in terms of identifying confounders and interactions. Was step wise regression and goodness of fit analysis performed to select a parsimonious model? I suspect there is an interaction between age and duration of disease and also between duration of disease and macro/microvascular complications.

Minor Essential Revisions:
4. Results: Line 239, why were economic status of very low and low combined given the number of study subjects in each? Line 248 change to "The estimated mean workforce losses in years..."
Line 305 change to "...the odds ratios (OR) given the presence of..."
5. Discussion, line 352 change "is" to "are." Line 367 change to "...indirect costs spent within this setting of patients and must be..."
6. Figure 1 change to "n=1,106 (without criteria to be employed or retired). add "excluded n=411 due to data unavailable." Extend the 2,046 to 85 retired and 1,961 not retired
7. Table 1, includes subjects less than 15 years of age and with no criteria for retirement. These subjects were excluded and should not be reported in a table of the study population. alternatively the title could be changed to "...of the source population"
8. Table 2 include the variable units for age, duration of diabetes and fasting glycemia
9. Table 3 and 4 models include a number of insignificant variables.

Level of interest: An article of limited interest
Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests