Title: Health-related Quality of Life in Patients with Rheumatoid Arthritis

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Version: 2 Date: 05 May 2019

Author’s response to reviews:

1. Missing data: please ensure that the line "All the patients enrolled in this study must have complete data" is added in the methods

Response:- We added this information in the inclusion criteria that "Patients were eligible if they were 18 years old or older, had been diagnosed with RA according to the American College of Rheumatology 1987 revised criteria for the classification of RA12 or the 2010 Rheumatoid arthritis classification criteria 13, had at least one follow-up visit, and had complete relevant data", in "Method", line 116-7, page 5

2. Employment status: please amend "unemployed" to state "unemployed or retired"

Response:- Unemployed" has been changed to "unemployed or retired" in

- Abstract, line 68, page 3
- Result, line 148, page 6
- Table 1, 4, 5, and Supplement

3. In response to reviewer 2's query 8: Please adjust your statement. You could for example say "it would be valuable for EQ-5D to be included as one of the patient reported outcome measures routinely used in clinical trials and daily practice due to its comprehensiveness, relevance, and feasibility", rather than mandating that it should be used.
Response:- We added this sentence "Therefore it would be valuable to included EQ-5D as one of the patient-reported outcome measures routinely used in clinical trial and daily practice due to its comprehensiveness, relevance, and feasibility". in "Discussion", line 202-3, page 8.

4. As per reviewer 2, I would recommend simplifying the tables to only include beta and 95% confidence intervals. You can than highlight the statistically significant results in bold or with a star and an explanation that for those p<0.05, as is typically done in most epidemiological studies.

Response:- Table 5 has been changed to have only beta and 95%CI with highlighting the p value of less than 0.5 with a star.