Reviewer’s report

Title: Validation of the Atopic Dermatitis Control Tool (ADCT©) using a longitudinal survey of biologic-treated patients with atopic dermatitis

Version: 1 Date: 16 Jul 2019

Reviewer: Masaru Honma

Reviewer's report:

In this study, efficacy of a novel tool for patients' reporting evaluation of atopic dermatitis control is analyzed compared with the other patient-reported outcome measures, such as NRS, POEM, and DLQI. While the questionnaire, ADCT, can be a candidate of useful tool, several issue should be clarified in the revised version.

1. I agree that ADCT can be reproducible and consistent with the other PROM. I am also interested in the correlation of ADCT and the objective evaluation score of AD severity, such as the physician's global assessment score, EASI, and SCORAD. Do the authors have any data presenting a possible correlation of ADCT and these objective measures?

2. Patients who had been suffered from severe skin condition tend to score the condition better. The inconsistency of ADCT score and PGAD at baseline and month 1 might reflect the phenomenon. This can be a problem for evaluation of improvement of these patient reported evaluation tools especially in the early phase. Do you have any comment about this?

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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