Reviewer's report

Title: Construct validation of Patient Global Impression of Severity (PGI-S) and Improvement (PGI-I) questionnaires in the treatment of men with Lower Urinary Tract Symptoms secondary to Benign Prostatic Hyperplasia

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Reviewer: Christopher R Chapple

Reviewer's report:

Abstract - this is well laid out and defines the question being addressed in this manuscript. This is a secondary analysis of data from four other randomised placebo control studies looking at lower urinary tract symptoms in men treated with tadalafil.

Background - this is clearly outlined and gives a comprehensive overview.

Methods - these are clearly described and conducted to a high standard.

Results - there are a large number of men in this study (1694) of which 1692 completed the PGI-S. The results are clearly laid out.

Discussion - this is informative and succinct and deals with an important issue relating to global assessment of symptoms, and is evaluated on a large number of men.

I would congratulate the authors on an interesting document. This article very effectively looks at the construct validity of the PGI-S and PGI-I for men with LUTS. It is important to have studies such as this with objective outcome measures such as this.

Level of interest: An exceptional article

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests