Reviewer's report

Title: Polidocanol versus hypertonic glucose for sclerotherapy treatment of reticular veins of the lower limbs: study protocol for a randomized controlled trial

Version: 5
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Reviewer: George Thanassoulis

Reviewer's report:

The authors have done an excellent job in addressing the concerns raised with regards to the intervention and the outcome measures and these are defined much more rigorously. Overall, the manuscript is significantly improved

Major Compulsory Revisions

1. Statistical analysis: This section remains incomplete. How will the scores in the primary analysis (0-5) from the 2 referees be combined. Will they come to consensus first (if very discrepant) or will the mean score be used? How will these be compared across treatment groups. The analysis section lists several tests but is not very clear.

2. The sample size calculation is inadequate. What is the minimal difference in the primary outcome between groups that can be detected? This is a very important consideration for a RCT.

Level of interest: An article whose findings are important to those with closely related research interests

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

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