Reviewer’s report

Title: An open-label study examining the effect of pharmacological treatment on mannitol- and exercise-induced airway hyperresponsiveness in asthmatic children and adolescents with exercise-induced bronchoconstriction

Version: 3  Date: 6 June 2014

Reviewer: Maria R Bonsignore

Reviewer’s report:

Major compulsory revisions
1) The authors did their best to improve the manuscript, but it still raises some doubts on the role of the interventions (drug treatment, exercise) on bronchial reactivity to exercise or mannitol. Ideally, the study would need to increase the sample size since the results of MCT are actually based on half of the subjects who resulted positive at the MCT challenge.
2) A control group receiving only drug treatment would be very useful to understand the effects of exercise training + optimal drug treatment on EIB, and might strengthen the results considerably

Minor revision
Table 1 does not report p values or significance between variables recorded in MCT+ and negative subjects

Level of interest: An article of limited interest

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