Reviewer’s report

Title: Aerobic exercise and intraocular pressure in normotensive and glaucoma patients.

Version: 3 Date: 14 May 2009

Reviewer: Luciano Quaranta

Reviewer’s report:

MCR: did the patients sign informed consent? Please clarify this point in the Methods section.

Methods: Blood pressure and pulse rate: please specify the method of assessment (objective or subjective method)

IOP measurement: how many operator measured the IOP? the operator was masked about the group and procedure? If more than one operator assessed the IOP, please provide the intraclass coefficient of correlation between observers.

Did the authors consider to introduce a control group with placebo? If not please justify this choice

In the methods section the authors state that IOP was measured 2 hr after the administration of the drugs but in the table 7 you state that IOP was measured 12 Hrs after PG

Statistics: Please specify sample size calculation for the studied variables.

Please specify the exact antiglaucomatous therapy in the group G

Results: I think it would be more appropriate to report the modifications of the IOP in term of % of reduction instead of absolute value

Please report modifications of Blood pressure and heart rate in the studied groups.

Discussion please provide interpretation of the reduction of ocular perfusion pressure after exercise in POAG patients.

Level of interest: An article of limited interest

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

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests

LUCIANO QUARANTA