Reviewer's report

Title: Effect of exercise therapy on lipid profile and oxidative stress indicators in patients with type 2 diabetes

Version: 2 Date: 8 January 2008

Reviewer: Jørn Helge

Reviewer's report:

The authors have adequately addressed most of the comments and points raised in the initial re-view. Yet an important point remains.

Major compulsory revisions

1) Authors have chosen not to include the comments on the lack of measurements of conven-tional parameters of training in the paper (point 4 in initial review in major compulsory re-visions). In the response to reviewer Authors imply that some data were obtained on pulse before, during and after exercise. Authors also describe that similar RPE was used for home based training as at the controlled supervised sessions (in methods). I assume that this was the same for the conventional training? Please add to paper. Authors do not really here supply sufficient information to allow a proper evaluation of the applicability of these data (HR & RPE) and therefore it is difficult to know, if they would add valuable informa tion. But no matter, if these data are included or not, a small paragraph should be included in the manuscript that supply information on this to the readers. Lack of these data is a rather serious flaw in the study-design and cannot be neglected. Authors supply some ref-erences to prior studies which could be used in the above mentioned paragraph.

Minor points

- Please also provide information as to whether training -physical activity was controlled on the days prior to the blood samples. Also including the initial sample.

- I assume that no gender differences were present, since nothing was mentioned. Please add a sentence that confirms this in the results section.