Reviewer's report

Title: Multidisciplinary care of obese children and adolescents for one year reduces ectopic fat content in liver and skeletal muscle

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Reviewer: Angelika Mohn

Reviewer's report:

This is an interesting study on reduction of ectopic fat in obese children after one year of lifestyle intervention. The results are of interest although not novel and represents an extension of previous findings. The main problem with this study is the very small sample size and the heterogeneity of the study population. Children and adolescents were included, overweight and obese patients were included. This makes it difficult to draw conclusions for the whole population of overweight and obese children. Are overweight children more likely to reduce ectopic fat than obese children, do adolescents act differently as they presumably are more IR than prepubertal children? I think that the study population should be increased and two models one for prepubertal and one for pubertal children should be developed.

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