Reviewer's report

Title: The life expectancy of patients with metabolic syndrome after weight loss: study protocol for a randomized clinical trial” (LIFEXPE-RT)

Version: 0 Date: 18 Feb 2019

Reviewer: Victoria Snegovskikh

Reviewer's report:

Dear author,

thank you for submitting your paper to our journal.

I think the idea of your study has great potential, but please, consider the following:

- your study might benefit of evaluating only 2 instead of 3 arms (surgical vs non-surgical weight loss)

- vs comparing Ospanov's procedure to the standard surgery

- including patients ages between 18 and 50-55, as patients older then 60-65 might not have any changes in telomere length

- please, explain the cut-off of 500 kcal/day for your non-surgical weight loss group (what is their starting caloric intake? is 500 enough vs putting everyone on a standard diet of 1500 kcal? (for example)

Also, please, consider the following changes:

- in inclusion criteria N 3: before diabetes to pre-diabetes

- in exclusion criteria: N5: Presence in the anamnesis...to history of bariatric surgery

Bliniding:

please, change masking state to blinding in that paragraph

What do you mean by ’all data files have a complete audit trial”'? Who is performing it, are those people blinded to the data?
**Level of interest**
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

**Quality of figures**

All images and figures within the manuscript should be genuine i.e. without evidence of manipulation. No specific feature within an image may be enhanced, obscured, moved, removed, or introduced. If you have concerns about the veracity of the figures you should choose the first option below.

**Statistical review**

Is it essential that this manuscript is seen by an expert statistician? If so, please give your reasons in your report.

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Please complete a declaration of competing interests, considering the following questions:

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No