Reviewer's report

**Title:** Autoadjusting- Continuous Positive Airway Pressure effect on serum Leptin levels in Obstructive Sleep Apnoea patients

**Version:** 4  **Date:** 25 July 2008

**Reviewer:** José M Gómez

**Reviewer's report:**

The article is confuse and the authors did not introduce all changes suggested in the first assessment; I suggested to change levels for concentrations and they did not change even in the title of the article. They state in the abstract that APAP had a small effect on leptin "levels" but in the conclusions, page 9 they affirm that leptin "levels" decrease after short and long-term APAP therapy but it is not statistically significant; if there is no statistically significant leptin "levels" did not decrease. The same is present in Results page 7 first paragraph. They also state that the only predictor of leptin was BMI but in the Abstract leptin correlates with fat distribution and OSA severity.

On page 7, line 14, nighttime is no correct.

**Level of interest:** An article of limited interest

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

**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 interest below the article andt the authors