Author's response to reviews

Title: Role of metabolically active hormones in the insulin resistance associated with short-term glucocorticoid treatment

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Author's response to reviews: see over
Dear Editors

Re: Role of metabolically active hormones in the insulin resistance associated with short-term glucocorticoid treatment

We have made the following changes in accordance with the reviewers comments:
1. Table 1 now includes data on insulin sensitivity indices as suggested by Reviewer 1.
2. The methodology now includes detail of the clinical protocol as suggested by Reviewer 2.
3. We have added a discussion paragraph about the implication of our findings with respect to other reports that suggest the physiological mechanism for dexamethasone-induced insulin resistance.
4. We have added further text and references as to the inclusion of circulating leptin levels (that appears in the text relating to point 3 above) and TNF alpha in this study. Specifically, circulating levels of TNF alpha do increase in relation to diabetes onset and increasing adiposity, and cellular and animal studies provide a physiological basis for this. Hence, actual levels of TNF alpha do reflect aspects of insulin resistance, and this is not exclusively amongst studies investigating adipose tissue.

Overall the changes we have made relate to the implications of our findings in relation to other published studies.

Many thanks

Yours sincerely

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