Author's response to reviews

Title: Effect of the yellow passion fruit peel flour (Passiflora edulis f. flavicarpa deg.) in insulin sensitivity in type 2 diabetes mellitus patients

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COVER LETTER

The Nutrition Journal Editorial Team

I hereby submit the corrections according to each referee requirements:

1. REVIEWER: Jin HM, MD, Shanghai

- No control case clinical trial was conducted in which 50% of the sample ingested the yellow passion fruit flour and the other a placebo. In the materials and methods section is explained that each patient served as their own control via the exams performed before and after dietary supplementation (PAGE 4);
- The waiver of some patients was due to the aftertaste of the passion fruit flour, a fact that was justified on clinical data. The hesperidin, substance present in passion fruit mesocarp is responsible for the residual bitter taste in the flour. It was also suggested future trials in order to improve the taste, thereby contributing to a better acceptance of flour and hence the formulation of functional foods (PAGE 4);
- A third stage (GP) consisted of further tests after three months consumption of the flour, in order to verify whether blood glucose levels returned to baseline or not. In the discussion it was reported that the levels of fasting glucose three months before the study and three months after were, respectively, 162.33 mg / dl and 160.12 mg / dl; justifying the importance of food supplementation (PAGE 10);

2 REVIEWER: Zhuo Fu

- In this study the HbA1c dosage was performed only after 60 days of supplementation, being the period of the clinical study (PAGES 4 and 5);
- We added anthropometric data related to weight and body mass index using tables and also at the discussion section (PAGE 5);
- We standardized numerical presentations.

3 REVIEWER: Harley HSA Alves
The suggested references were added in the article;

In the materials and methods section we explained the objectives and functions of the HOMA IR and HOMA Beta parameters (PAGE 6);

Typing errors and references were assessed and corrected;

We think the fourth and fifth paragraphs of the discussion should remain in the same section because they consolidate the obtained results.

4 REVIEWER: Giuseppe Derosa

Only English review was required.

We communicate that the statistics and English revisions were made.

By the corrections made we are confident that the manuscript MS: 5245115217203199 - Effect of the yellow passion fruit peel flour (Passiflora edulis f. Flavicarpa deg.) in insulin sensitivity in type 2 diabetes mellitus patients will be published in the Nutrition Journal.

Maria do Socorro Ramos de Queiroz