Reviewer's report

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

Version: 2 Date: 28 May 2012

Reviewer: Harley HSA Alves

Reviewer's report:

MAJOR COMPULSORY REVISIONS
ADRESS OF THE AUTHORS’ – NUMBER 4 – Federal University of Paraiba

BACKGROUND:
SECOND PARAGRAPH - …Furthermore, it reduces glucose Intolerance in diabetic patients and decreases serum cholesterol… include reference (Ramos AT, title, Brazilian Journal of Pharmacognosy 2007, 17: 592-597)

To review activities of effect of the yellow passion fruit peel flour – see Braga A et al. Brazilian Journal of Pharmacognosy 2010, 20: 186-191

Comment on insulin resistance aspects and HOMA index (Homa IR and Homa beta). Which objectives and functions to evaluate these parameters?

CLINICAL DATA
Seventh paragraph - …corresponding to 17.4g of total fiber, being 6.3 g of soluble fiber and 11.1g of insoluble fiber… – references of values?

RESULTS
Fourth paragraph - Comment on these differences in the genres in the discussion.

DISCUSSION
Forth and fifth paragraphs - may be placed in the introduction

Eighth paragraph – was it not an increase?

ACKNOWLEDGMENTS
...under the guidance of Professor Dr. Armando Oliveira Ubirajara Sabaa Srur – remove this fragment – conflict of interests

MINOR ESSENTIAL REVISIONS

TYPOGRAPHICAL ERRORS

BACKGROUND
Second paragraph ... levels[12]
CLINICAL DATA
Fifth paragraph ... measurement of all analysis parameters

REFERENCES
1 - ... and Risk of Type 2 Diabetes in Older Men. Diabetes Care
2 - ... a prospective study and meta-analysis. Arch Intern Med
4 - ... type 2 diabetes in a cohort of older Australians. Diabetes Care
5 - ... Glycemic index and dietary fiber and the risk of type 2 diabetes. Diabetes Care
6 - ... J Nutr Biochem 2008
7 - ... a prospective study. J Amer Med Assoc 2000, 284
8 - ... Am J Clin Nutr 2002
9 - ... Cereal grains, legumes and diabetes. Eur J Clin Nutr
12 - ... Passiflora edulis f. flavicarpa Degener
13 - the Botnia Dietary Study. Diabetes Care 2003
14 - ... como alimento com propriedade de saúde. Rev Bras Farmacognosia
15 - ... Diagnosis and classification of diabetes mellitus. Diabetes Care 2006,
16 - ... Lafibradiética. Nutr Hosp
20 - ... diabetic patients in Brazil. Arch Latinoam Nutr 2005
22 - a pilot trial. J Fam Practice
23 - ... Resumos 2000
24 - ... metabolism in obese subjects. Biosci Biotech Bioche 1997
27 - ... Diabetologia 2005
28 - ... health implications of dietary fiber. J Am Diet Assoc 2002
29 - ... of oligofructose in rats. J Nutr 1998
30 - ... Brit J Nutr 2004
31 - ... Obes Res 2005
32 - ... Am J Clin Nutr 1981

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the
statistics.

Declaration of competing interests:

'I declare that I have no competing interests'