Reviewer's report

Title: Construct validity of a figure rating scale for Brazilian adolescents

Version: 1 Date: 21 February 2012

Reviewer: Emanuela Gualdi

Reviewer's report:

This is a study adding to the growing literature on the use of the body image figures as a health information resource on the weight status.

The validity of an eight-figure rating scale was analyzed in a sample of Brazilian adolescents.

The present study was clearly worthwhile, trying to give evidence of a valid relation between body image perception and BMI.

The paper should be published after minor and discretionary revisions.

First of all, I have a general question: why was the nutritional status assessed only in terms of normal or overweight? Were there no underweight adolescents?

Then I suggest the following Minor Essential Revisions:

• p4 last paragraph: With regard to the great range of ages considered (10-19-year-old students), the mean weight and height of the whole sample should be omitted as of little significance from a biological point of view.

• p6 Anthropometric Measurements: The description of anthropometric techniques is too brief, and omits important information such as the bibliographic references. Please add them.

Discretionary Revisions:

• p6 line 14 from the top: whether possible, replace please the brackets with the symbol of absolute value (vertical lines). In any case, the two vertical lines may be omitted when DDBS = 0.
Competing interests: None declared.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.