Reviewer's report

Title: Development of waist circumference percentiles for Japanese children and an examination of their screening utility for childhood metabolic syndrome - a population-based cross-sectional study

Version: 1 Date: 2 September 2015

Reviewer: Deborah Landi Masquio

Reviewer's report:

- Minor Essential Revisions

TITLE

1. Add the score to former text

“Development of waist circumference percentiles for Japanese children and an examination of their screening utility for childhood metabolic syndrome - a population-based cross-sectional study

INTRODUCTION

1. The first paragraph is too long. It would be interesting to divide into two or more paragraphs.

2. Exclude this paragraph from introduction section. It should be described in methods section: “The LMS method of summarizing growth standards, which monitors changing skewness (L), medians 20 (M), and coefficients of variation (S) in childhood distributions, was used on a representative dataset from 21 Japanese children whose WC was measured at the umbilical site.”

METHODS

Include the number of ethical committee

How many measurements of WC was taken each children? Please describe it in this section.

TABLES

Table 5 is in poor quality. It need to be redone.

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.

Declaration of competing interests:
I declare that I have no competing interests' below. If your reply is yes to any, please give details below.