Reviewer’s report

Title: In search of quality evidence for lifestyle management and glycemic control in pediatric type 2 diabetes: A systematic review

Version: 1 Date: 20 July 2010

Reviewer: Anoop Misra

Reviewer’s report:

Major Compulsory Revisions:

The aim of this systematic review was to evaluate the impact of lifestyle behavior modification on glycemic control among children and youth with clinically defined type 2 diabetes (T2D). Authors have searched for the studies showing diet/ or physical activity alone or in combination as a means to reduce HbA1c among T2D children or youth with <18 years. By using this strategy 4572 citations have been generated out of which one study met the inclusion criteria. Authors concluded that there is no high quality evidence to suggest lifestyle modification improves either short-or long-term glycemic control in children.

Abstract
1. Age range need to be included in the title.
2. The result of the study should be included in the abstract with the quality index.

Methodology
3. Why only HbA1c has been taken into inclusion criteria
4. Author should include the studies which showed effect of lifestyle modifications on insulin levels.
5. Author should also use Cochrane Controlled Trials Register for the systematic review.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

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.