Reviewer's report

Title: Quality of Reporting of Randomized Controlled Trials Evaluating Stents for Percutaneous Coronary Intervention

Version: 1 Date: 29 October 2008

Reviewer: Lehana Thabane

Reviewer's report:

MAJOR COMPULSORY REVISIONS:

This is a report of a systematic review to evaluate the quality of reporting of RCTs assessing the use of stents for percutaneous coronary disease.

This is a statistical review of the paper focusing primarily on the design, methods, analytic strategies, reporting and interpretation of the results.

1. Abstract, Methods: Provide some brief description of the statistical methods sued to analyse the data.
2. Background/Introduction: Provide a subtitle “Background” or “Introduction” on page 4.
3. Statistical Analysis:
   a. Replace “Interquartile range [IQR]” with “Q1 to Q3”. Note that IQR = Q3 – Q1, which is the difference between the two quartiles.
   b. Consider providing the estimates of Kappa statistics to measure agreement between data abstractors. This will be helpful to readers to assess the reliability of the data abstraction process.
   c. Consider using appropriate techniques to account for potential clustering among papers published in the same journal. T-tests and Mann-Whitney tests may not be appropriate if clustering is present.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.

Lehana Thabane