Reviewer's report

Title: Efficacy of Sub-Tenon's block using an equal volume of local anaesthetic administered either as a single or as divided doses. A randomised clinical trial

Version: 4 Date: 5 February 2009

Reviewer: Vasant V Raman

Reviewer's report:

Although The authors have tried to address some of the issues raised, there still remains major flaw in the paper.

1. Use of vernier caliper for measuring ocular movements. They have cited a reference (N0.8) for that- A Comparative study of elastic properties of continuous tear........By Luck J et al published in BJO. 1994 May;78(5);717-720. This study was conducted on post mortem eyes derived from eye bank and on the elastic properties of anterior lens capsule! This is not similar to ocular muscles and in live eyes. The authors should have adopted a validated method to conduct their study on ocular motility which is their primary outcome measure.

2. The authors conclude by saying that the single injection is superior to divided dose injection. At 3 minutes there was significant difference between the groups but no difference at 6 minutes. If the authors point out that their end point of assessing the time for readiness for surgery is 3 minutes then their conclusion about the superiority of single dose is correct, if they state their end point is 6 minutes then their conclusion is not correct.

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

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"