Reviewer’s report

Title: The incidence of myocardial injury following post-operative Goal Directed Therapy

Version: 1 Date: 22 January 2007

Reviewer: Josef Veselka

Reviewer’s report:

General
It is an interesting study dealing with GDT - goal directed therapy - fluids and inotropic agents to improve cardiac output after major general surgery.

Similar paper has been published by the same group in Critical Care 2005;9:687-93.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

There are two major points that should be explained:
- I think that the present study is horribly underpowered for the estimation of the end-point (TnT).
- Some of the results have been published previously

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Discretionary Revisions (which the author can choose to ignore)

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.