Reviewer's report

**Title:** Effects of Fish Oil Supplementation on Inflammatory Markers in Chronic Heart Failure: A Meta-analysis of Randomized Controlled Trials

**Version:** 1  **Date:** 6 May 2012

**Reviewer:** Petar Otasevic

**Reviewer's report:**

This study is very well conducted and describes potentially important clinical issue. The aim of the study was well defined and the methods applied were correct. The problem with this particular meta-analysis is that only a handful of studies were identified and that there is obvious heterogeneity between the studies which may limit data interpretation. Particular problem is that data on statin use are lacking in most studies. However, all these limitations were acknowledged by the authors. There are only minor suggestions to improve the overall quality of the manuscript:

In abstract the authors state that 7 studies were identified, whereas in the rest of the manuscript and in the figures we have 8 studies. Please correct or advise.

Having in mind the limitations of the study, this reviewer would recommend that conclusions should reflect this issue i.e. they should be more defensive.

Background and discussion sections should be considerably shortened. Discussion should also be better focused only on problem of the inflammation in CHF patients.

**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