Reviewer's report

**Title:** Perioperative infusion of low-dose of vasopressin for prevention and management of vasodilatory vasoplegic syndrome in patients undergoing coronary artery bypass grafting-A double-blind randomized study

**Version:** 1  **Date:** 15 February 2010

**Reviewer:** Panagiotis Dedelias

**Reviewer's report:**

The vasoplegic syndrome following open heart operations is known to occasionally complicate the patients postoperative course. Clear answers have not been given for the cause as well as for the prevention of such a postoperative vasodilation.

This paper is well designed and concludes to some very valuable suggestions for the prevention of the vasoplegic side effect of the extracorporeal circulation.

The paper is undoubtedly worth a publication but before that please notice the following comments.

1) The overall mortality at the abstract of the paper is notified as 12%. However this is not true because 3 deaths out of 50 people operated on give as a mortality of 6%.

2) Are the deaths related to the effect of vasopressin on the radial grafts causing vasospasm? What type of vasospasm prophylaxis did you take when using radial artery grafts that are prone to vasospasm?

**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