Reviewer’s report

Title: Continuous central venous oxygen saturation assisted intraoperative hemodynamic management during major abdominal surgery: a randomized, controlled trial

Version: 1 Date: 26 March 2015

Reviewer: Guniz Meyanci Koksal

Reviewer’s report:

1- Authors should rewrite their hypothesis because intensive care data are not included in their hypothesis.
2- Did authors register to clinical trials?
3- Is this trial retrospective or prospective? Authors should add in material methods section.
4- How will authors explain, control groups had higher Hb levels than ScvO2 group? And they used more blood in ScVO2 group? Because 2 groups lost the same amounts of blood during the operation. I think hemodilution is insufficient for explain.
5- Why did they use more fentanyl in ScVO2 group?
6- Authors should add time of blood and blood product in their flow chart.
7- Did control group have dehydration? Because at the end of the surgery both groups had the same Hb levels.
8- Did authors measure ScVO2 in control group? This subject is not clear. In group ScVO2 MAP level was higher than control group. And in control group CVP level was lower than ScVO2 group. How authors will explain this status?
9- Operations time were very long than normal operations time. Operation time is related morbidity and mortality in major surgery.
10- Did their oesophagectomy operations had thoracotomy?
11- Authors should exclude radical systectomy.

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 no competing interest