Reviewer's report

Title: Pulmonary vascular permeability index in patients with femoral venous access for transpulmonary thermodilution: a prospective observational study

Version: 2 Date: 17 May 2014

Reviewer: Matthew Sigakis

Reviewer's report:

Discretionary revisions:

1. The authors should consider revising the title to better reflect the study goals and outcome. For example, the authors might consider something like, “Accuracy of Pulmonary Vascular Permeability Index When Femoral Venous Access is Used in Less-Invasive Monitoring Devices.” The title should emphasize that the PVPI displayed in less-invasive monitors may not be accurate when a femoral CVC is used, as this was the outcome of your study.

2. It would be helpful to learn the authors’ perspective on other less-invasive monitors besides the PiCCO device. Do the authors suspect that other less-invasive monitors also underestimate PVPI? Is this finding unique to the PiCCO device?

Minor revisions:

- Page 4, line 12: PVPI needs parentheses, this is the first time the abbreviation PVPI is used in the main body of the manuscript.

- Page 6, line 24 and Page 7, line 9: Units are needed in the formula for predicted and ideal body weights.

- Page 9, line 4: Subscript for PVPI reads “displayed.d”

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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.