Reviewer's report

Title: Impact of Cytokine Release on Ventricular Function after Hepatic Reperfusion: A Prospective Observational Echocardiographic Study with Tissue Doppler Imaging

Version: 4 Date: 22 May 2015

Reviewer: Hossam El Ashmawi

Reviewer's report:

Major Compulsory Revisions:
- The article is well written and has no major revisions.

Minor Essential Revisions:

Methodology
1- It is customary to write the statistics at the end of the methods.
2- Last line in Anesthesia and Monitoring: the authors state that echocardiographic measurements were done by an "experienced cardiac anaesthetist (DB), who is an expert in TEE". The abbreviation DB understandably refer to professor Dominique Bettex, but I fear that this will not be readily comprehensible by the readers.
3- TEE Measurements and Techniques: The authors measured EF using either Simpson's method OR Teicholz method; I wonder if the two methods should be used interchangeably, as this might lead to differences in measurements.

Results:
1- In the tables, the mean and standard deviation are reported in two different formats; e.g., Mean (SD) in table 1, and Mean +/- SD in table 2.

Discussion:
1- Please mention study limitations and future recommendations.

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