Reviewer's report

Title: Blood stasis may cause thrombosis in the left superior pulmonary vein stump after left upper lobectomy

Version: 1 Date: 29 July 2014

Reviewer: Shusuke Endo

Reviewer's report:

The paper was well written and would give us an interesting information. There are, however, some weak points to accept by our journal.

Velocity of LA flow was measured and compared between the localization of the PV stump.

LA function should have been within the normal range in the preoperative echocardiogram. The author should described about preoperative LA function such as LA volume and pressure.

Turbulent flow is fluid - dynamically clarified as high flow condition over Reynolds number which might cause high shear stress against the PV stump and lead not to thrombosis, but to aneurysm. Turbulent flow should be revised into disturbed stagnant flow.

Spontaneous echo contrast should be more mentioned in Discussion.

Level of interest: An article of outstanding merit and interest 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:

no declarelation conflicts