Reviewer's report

Title: Cardiac ventricular dimensions predict cognitive decline and cerebral blood flow abnormalities in aging men.

Version: 1 Date: 3 December 2012

Reviewer: Robert Paul

Reviewer's report:

The most significant problem with the manuscript is that the strength of the relationships are weak and statistically significant based on power, but not meaningful in terms of effect sizes. As an example, the difference in performance on the Benton Visualization Retention Test is 5.3 vs. 5.9 when categorized by FS, and 3.7 vs. 4.7 when categorized by LIVIDd. The difference on Symbol Digits is 32 vs. 35, a difference that is not clinically meaningful.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.