Reviewer's report

**Title:** Peak systolic velocity using color-coded tissue Doppler imaging, a strong and independent predictor of outcome in acute coronary syndrome patients

**Version:** 2  **Date:** 12 March 2013

**Reviewer:** victoria delgado

**Reviewer's report:**

Major compulsory:
1) Table 5 is not clear. The p-values are missing (also in the text, page 8).
2) The authors should elaborate on the prognostic value of peak systolic velocity and the lack of independent association of 2D strain with prognosis. This is against many previous publications: Staton et al. Circ Cardiovascular Imag 2009; Hung et al. J Am Coll Cardiol 2010; Antoni et al. Eur Heart J 2010; Bertini et al. Circ Cardiovascular Imag 2012.
3) What is the novelty of the study?
4) The authors should consider performing a net reclassification index analysis or evaluate the incremental value of peak systolic velocity over other echocardiographic parameters using the Harrell's c-statistic.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

No conflict of interest to disclose