**Statistical methods**

Baseline descriptive statistics are reported as mean and standard. The distribution of residuals was assessed by visual inspection followed by Kolmogorov Smirnoff test. Between-groups analyses of baseline variables were performed using analysis of variance as error residuals were normally distributed. Analyses for proportions of categorical variables were evaluated with a Chi-Square or Fisher’s Exact analysis as appropriate. Inter-rater analyses was carried out by way of Kappa test for agreement. The receiver operating characteristic involved continuous demographic and echocardiographic variables as the independent variable while the dichotomous response variable of cardiac diagnosis was identified as the model event by way of a generalized linear logistic model to achieve the ROC curve analysis. The ROC curve analysis yielded an optimal cut point assigned by a Youden statistic as previously described [Youden\_Source].

Analyses were performed with statistical software(SAS). P<0.05 was deemed significant.

Youden\_Source:

Schisterman EF, Perkins NJ, Liu A, Bondell H. Optimal cut-point and its corresponding Youden Index to discriminate individuals using pooled blood samples. Epidemiology 2005;16(1):73-81.

SAS Institute, Cary NC, 2016