

## Supplementary methods

Statistical analysis was done using SPSS version 16 version Statistics (SPSS Inc., Chicago, IL, USA). The Kolmogorov-Smirnov goodness of fit test was performed to test the normality of continuous data distribution. Continuous data were presented as mean and standard deviation if normally distributed and as median and interquartile range for skewed data, whereas categorical data were presented as frequencies. Regarding bivariate

analysis, Student t-test was used to compare normally distributed continuous variable with nominal independent variable. Mann-Whitney U test was used to compare not normally distributed continuous variable with nominal independent variable and to correlate ordinal dependent variable versus nominal independent variable. The chi square test was used for comparison of nominal data. Fisher's exact test was used if >20% of the cells in any cross tabulation had an expected count of  $\leq 5$ .  $P < 0.05$  was considered statistically significant.