

#### Statistical analysis plan:

All data and results to be compared with descriptive and inferential statistics will be processed with the Statistical Package for the Social Sciences, 23.0v. The Chi-square test will be used to compare nominal data. The Pearson correlation will be used to examine whether there is a statistically significant linear relationship between two continuous variables. Paired t-test and mixed design repeated measures ANOVA will be used to test differences within and between groups at different time points.

Statistical significance is set at  $p < 0.05$ .