Pilot Study for Investigating the Effect of the Bruder Eye Hydrating Compress on Contact Lens Discomfort in Contact Lens Wearers

Statistical Plan

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Statistical Analyses

Descriptive statistics will be performed and differences in groups at baseline analyzed using the Kruskal-Wallis test and the Chi-square test for categorical variables. Statistical testing of the primary endpoint will be performed using a generalized linear model with treatment and baseline as main effects while controlling for difference in comfortable wear time at baseline and daily hours of contact lens wear time. A one-way analysis of variance (ANOVA) will be used to compare the mean hours of comfortable contact lens wear time at 1 month. Post-hoc comparisons will be performed using the Tukey test. All of the statistical analyses will be completed in the Statistical Package for Social Science (SPSS) 22 and GraphPad Prism 7.02; p < 0.05 will be considered statistically significant.