

## **Biostatistics analysis**

The statistical methods for the present study were reviewed by physical medical Jose Ricardo de Arruda Miranda. The normality of continuous variables was evaluated using the Kolmogorov-Smirnov test. The variables were normally distributed. Therefore, the data were analyzed using analysis of variance (ANOVA) followed by Tukey's multiple-comparison test. Pearson correlation coefficients were calculated to analyze the relationship between variables. Values of  $p < 0.05$  were considered statistically significant. The data are expressed as mean  $\pm$  standard deviation (SD).



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