

### Biostatistics statement

The statistical review of the present study has been reviewed by a biomedical statistician Tong Xinyuan from PLA General Hospital. All statistical analyses were processed by the Statistical Package for the Social Sciences software version 17.0. Variables were expressed as mean  $\pm$  standard. unpaired t-test and analysis of variance (ANOVA) followed by a post-hoc t-test was used to analyze data. All reported p values were two-tailed, and p values of  $<0.05$  were considered statistically significant.

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