Supplemental Table 1. Descriptive and statistical analysis of oropharyngeal leak pressures during head rotation when using the i-gel® (i-gel) and LMA-SupremeTM (LMA-Supreme)

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| --- | --- | --- | --- | --- |
|  | OPLP (cmH2O) | Mean difference | 95% confidence interval | *p* value |
| i-gel (Within group at three head positions) | < 0.001a |
| 0° | 22.9 ± 7.4 |  |  |  |
| 30° | 19.4 ± 6.9 |  |  |  |
| 60° | 17.4 ± 5.5 |  |  |  |
| 0° - 30° |  | 3.5 | 2.2 - 4.8 | < 0.001 |
| 30° - 60° |  | 2.0 | 0.6 - 3.5 | 0.002 |
| 0° - 60° |  | 5.5 | 3.3 - 7.8 | < 0.001 |
| LMA-Supreme (Within group at three head positions) | < 0.001a |
| 0° | 25.8 ± 7.7 |  |  |  |
| 30° | 21.7 ± 8.0 |  |  |  |
| 60° | 19.3 ± 7.2 |  |  |  |
| 0° - 30° |  | 4.1 | 2.6 - 5.5 | < 0.001 |
| 30° - 60° |  | 2.4 | 1.1 - 3.7 | < 0.001 |
| 0° - 60° |  | 6.5 | 5.1 - 8.0 | < 0.001 |
| i-gel - LMA-Supreme (Between groups) |
| 0° |  | -2.9 | -6.5 - 0.7 | 0.117 |
| 30° |  | -2.3 | -5.9 - 1.3 | 0.207 |
| 60° |  | -1.9 | -5.0 - 1.2 | 0.225 |

Data are presented as means ± standard deviations. For the analysis of within i-gel or LMA-Supreme group comparisons, repeated measures one-way analysis of variance (ANOVA) followed by paired t-test with Bonferroni correction were used. For analysis of between i-gel and LMA-Supreme group comparisons, the unpaired t-test was used. A *p* value of < 0.05 was considered a statistically significant difference in repeated measures one-way ANOVA and between group analysis. A *p* value of < 0.017 (0.05/3) with Bonferroni correction was considered a statistically significant difference. Abbreviations: OPLP, oropharyngeal leak pressure; ANOVA, analysis of variance.

a*P* value of repeated measures one-way ANOVA.