|  | Direct laryngoscopy (N=201) | McGrath videolaryngoscope (N=193) | Overall (N=394) |
| --- | --- | --- | --- |
| **Study center** |  |  |  |
| Istanbul | 104 (51.7%) | 96 (49.7%) | 200 (50.8%) |
| Konya | 97 (48.3%) | 97 (50.3%) | 194 (49.2%) |
| **Age (years)** |  |  |  |
|  |  |  |  |
| Median [Q1, Q3] | 46.0 [37.0, 57.0] | 46.0 [35.0, 56.0] | 46.0 [36.3, 57.0] |
| **Sex** |  |  |  |
| Female | 109 (54.2%) | 119 (61.7%) | 228 (57.9%) |
| Male | 91 (45.3%) | 74 (38.3%) | 165 (41.9%) |
| **BMI** |  |  |  |
|  |  |  |  |
| Median [Q1, Q3] | 27.7 [24.7, 31.2] | 28.0 [25.0, 31.3] | 28.0 [25.0, 31.2] |
| **ASA physical status** |  |  |  |
| 1 | 39 (19.4%) | 41 (21.2%) | 80 (20.3%) |
| 2 | 135 (67.2%) | 124 (64.2%) | 259 (65.7%) |
| 3 | 26 (12.9%) | 28 (14.5%) | 54 (13.7%) |
| **History of OSA** |  |  |  |
| Yes | 7 (3.5%) | 6 (3.1%) | 13 (3.3%) |
| No | 193 (96.0%) | 187 (96.9%) | 380 (96.4%) |
| **History of snoring** |  |  |  |
| Yes | 64 (31.8%) | 62 (32.1%) | 126 (32.0%) |
| No | 136 (67.7%) | 131 (67.9%) | 267 (67.8%) |
| **CPAP use** |  |  |  |
| Yes | 1 (0.5%) | 2 (1.0%) | 3 (0.8%) |
| No | 199 (99.0%) | 191 (99.0%) | 390 (99.0%) |
| **History of difficult airway** |  |  |  |
| Yes | 0 (0%) | 2 (1.0%) | 2 (0.5%) |
| No | 200 (99.5%) | 191 (99.0%) | 391 (99.2%) |
| **Mobility of the cervical spine (degrees)** |  |  |  |
| 45 | 122 (60.7%) | 110 (57.0%) | 232 (58.9%) |
| 30 | 55 (27.4%) | 64 (33.2%) | 119 (30.2%) |
| 15 | 19 (9.5%) | 18 (9.3%) | 37 (9.4%) |
| 0 | 0 (0%) | 0 (0%) | 0 (0%) |
| **Mouth opening (cm)** |  |  |  |
|  |  |  |  |
| Mean (SD) | 4.86 (1.21) | 4.71 (1.21) | 4.79 (1.21) |
| **Inter-incisor gap (cm)** |  |  |  |
|  |  |  |  |
| Mean (SD) | 4.13 (1.11) | 4.06 (0.939) | 4.10 (1.03) |
| **Thyromental distance (cm)** |  |  |  |
|  |  |  |  |
| Mean (SD) | 7.74 (1.48) | 7.90 (1.70) | 7.82 (1.59) |
| **Thyromental height** |  |  |  |
|  |  |  |  |
| Mean (SD) | 5.35 (1.61) | 5.14 (1.72) | 5.25 (1.67) |
| **Sternomental distance (cm)** |  |  |  |
|  |  |  |  |
| Mean (SD) | 14.8 (2.52) | 14.9 (2.57) | 14.8 (2.54) |
| **Upper lip bite test class** |  |  |  |
| I | 108 (53.7%) | 115 (59.6%) | 223 (56.6%) |
| II | 83 (41.3%) | 67 (34.7%) | 150 (38.1%) |
| III | 6 (3.0%) | 10 (5.2%) | 16 (4.1%) |
| **Mallampati score** |  |  |  |
| I | 54 (26.9%) | 59 (30.6%) | 113 (28.7%) |
| II | 104 (51.7%) | 89 (46.1%) | 193 (49.0%) |
| III | 35 (17.4%) | 39 (20.2%) | 74 (18.8%) |
| IV | 3 (1.5%) | 5 (2.6%) | 8 (2.0%) |
| **Teeth status** |  |  |  |
| No missing teeth | 132 (65.7%) | 141 (73.1%) | 273 (69.3%) |
| Edentulous | 17 (8.5%) | 12 (6.2%) | 29 (7.4%) |
| Missing frontal teeth | 17 (8.5%) | 10 (5.2%) | 27 (6.9%) |
| Full denture | 31 (15.4%) | 29 (15.0%) | 60 (15.2%) |
| **Mandibular protrusion test** |  |  |  |
| A | 106 (52.7%) | 113 (58.5%) | 219 (55.6%) |
| B | 76 (37.8%) | 64 (33.2%) | 140 (35.5%) |
| C | 15 (7.5%) | 15 (7.8%) | 30 (7.6%) |
| **Neck circumference (cm)** |  |  |  |
|  |  |  |  |
| Median [Q1, Q3] | 39.0 [37.4, 41.0] | 39.0 [36.8, 42.0] | 39.0 [37.0, 42.0] |