**Appendix 1: OBAAMA-INT Study Group**

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Supplemental table

|  |  |  |  |
| --- | --- | --- | --- |
| **Basic Patient Characteristic at Time of Caesarean Section (*n*=2 548)** | | |  |
|  | CZE | SVK |  |
|  | *n*=1 689 | *n*=859 |  |
| Age (years) | *n*=1 669; 31.6 (16.4; 51.4) | *n*=846; 31.1 (15.1; 49.1) |  |
| ≤25 | 188 (11.3 %) | 139 (16.4 %) |  |
| 26–30 | 442 (26.5 %) | 219 (25.9 %) |  |
| 31–35 | 571 (34.2 %) | 267 (31.6 %) |  |
| 36–40 | 386 (23.1 %) | 182 (21.5 %) |  |
| >40 | 82 (4.9 %) | 39 (4.6 %) |  |
| Gestational week | *n*=1 687; 39 (24; 43) | *n*=859; 39 (25; 44) |  |
| 24–36 | 215 (12.7 %) | 88 (10.2 %) |  |
| 37–40 | 1 214 (72.0 %) | 645 (75.1 %) |  |
| >40 | 258 (15.3 %) | 126 (14.7 %) |  |
| Gravidity |  |  |  |
| 1 | 789 (46.7 %) | 425 (49.5 %) |  |
| 2 | 584 (34.6 %) | 267 (31.1 %) |  |
| >2 | 316 (18.7 %) | 167 (19.4 %) |  |
| Weight (kg) | *n*=1 689; 80 (43; 171) | *n*=859; 76 (37; 146) |  |
| Height (cm) | *n*=1 597; 167 (103; 189) | *n*=854; 165 (110; 185) |  |
| ASA PS |  |  |  |
| 1 | 937 (55.5 %) | 461 (53.7 %) |  |
| 2 | 664 (39.3 %) | 362 (42.1 %) |  |
| 3 | 77 (4.6 %) | 35 (4.1 %) |  |
| 4 | 5 (0.3 %) | 0 (0.0 %) |  |
| 5 | 6 (0.4 %) | 1 (0.1 %) |  |
| Data are presented as *n* (%) or median (minimum, maximum). | |  |  |
| The *n* represents the number of valid data points. | |  |  |
| ASA PS, American Society of Anesthesiologists Physical Status | |  |  |
|  |  |  |  |
| **Characteristics of General Anaesthesia for Cesarean Section in CZE 2011 and 2015 and SVK 2015** | | | |
| Country | CZE | | SVK |
| Year | 2011 | 2015 | 2015 |
| General Anaesthesia for Caesarean Section | 553 | 672 | 284 |
| Rapid Sequence Induction | 528 (96) | 629 (93.6) | 271 (95.4) |
| Sellick’s maneuver | 287 (52) | 284 (42.3) | 60 (21.1) |
| Anaesthetic Agent for Induction | | | |
| Thiopental | 521 (94) | 576 (85.7) | 246 (86.6) |
| Propofol | 48 (9) | 123 (18.3) | 76 (26.7) |
| Ketamine | 17 (3) | 48 (7.1) | 10 (3.5) |
| Etomidate | 1 (0.2) | 1 (0.1) | 0 |
| Muscle Relaxant for Tracheal Intubation | | | |
| Succinylcholine | 527 (95) | 619 (92.1) | 272 (95.7) |
| Rocuronium | 14 (3) | 19 (2.8) | 4 (1.4) |
| Not specified | 12 (2) | 44 (6.5) | 8 (2.8) |
| Complications during Anaesthesia Induction | | | |
| Difficult Airways | 9 (2) | 10 (1.5) | 3 (1) |
| Vomitus | 1 (0.2) | 0 | 0 |
| Regurgitation (with no aspiration) | NA | 1 (0.1) | 0 |
| Hyposaturation | NA | 1 (0.1) | 2 (0.7) |
| Maintenance Muscle Relaxant Agent | | | |
| Succinylcholine | 19 (3) | 32 (4.8) | 66 (23.2) |
| Rocuronium | 88 (16) | 212 (31.5) | 80 (28.2) |
| Cis-atracurium | 51 (9) | 37 (5.5) | 1 (0.4) |
| Atracurium | 241 (44) | 255 (37.9) | 94 (33.1) |
| Vecuronium | 113 (20) | 85 (12.6) | 9 (3.2) |
| Mivacurium | NA | 24 (3.6) | 0 |
| None | 41 (7) | 19 (2.8) | 19 (6.7) |
| Reversal of Neuromuscular Blockade | 493 | 672 | 284 |
| No | 273 (55) | 647 (61.9) | 223 (78.5) |
| Yes | 220 (45) | 256 (38.1) | 61 (21.5) |
| Neostigmine | 211 (96) | 236 (92.2) | 59 (96.7) |
| Sugammadex | 9 (4) | 20 (7.8) | 2 (3.3) |
| Data are presented as *n* (%). | | | |
| NA, Not Available | | | |
|  |  |  |  |
| **Supplemental Table 3: Preoperative Management** | | | |
| Country | CZE | | SVK |
| Year | 2011 | 2015 | 2015 |
| **Parturient’s position** | **1166** | **1689** | **859** |
| Supine position | 758 (65) | 801 (47.4) | 568 (66.1) |
| Left uterine displacement | 239 (20) | 165 (9.8) | 52 (6.1) |
| Left lateral position | 104 (9) | 624 (36.9) | 209 (24.3) |
| Reverse Trendelenburg position | 55 (5) | 68 (4) | 24 (2.8) |
| Did not provide this information | 10 (1) | 31 (1.8) | 6 (0.7) |
| **Prevention of aspiration** | **1166** | **1689** | **859** |
| Metoclopramide | 566 (49) | 632 (37.4) | 441 (51.3) |
| H2 blockers | 484 (42) | 527 (31.2) | 490 (57) |
| 0.1 M sodium citrate | 141 (12) | 1 (0.06) | 2 (0.2) |
| Proton pump inhibitors | 8 (1) | 41 (2.4) | 40 (4.7) |
| None | 486 (42) | 790 (47.6) | 186 (21.7) |
| **Mallampati score** | **437** | **1493** | **821** |
| 1 | 264 (60) | 714 (42.3) | 373 (43.4) |
| 2 | 153 (35) | 666 (39.4) | 387 (45) |
| 3 | 19 (4) | 104 (6.2) | 57 (6.6) |
| 4 | 1 (0.2) | 9 (0.5) | 4 (0.5) |
| Data are presented as *n* (%). |  |  |  |
| H2, histamine H2-receptor antagonists | |  |  |
| The *n* represents the number of data points. | |  |  |