Table 1. Clinical characteristics of patients, according to obesity class.

|  | Total (N=236) | Class 1 Obesity (N=63) | Class 2 Obesity (N=53) | Class 3 Obesity (N=120) |
| --- | --- | --- | --- | --- |
| **Sex** |  |  |  |  |
| Woman | 214 (90.7%) | 60 (95.2%) | 48 (90.6%) | 106 (88.3%) |
| Man | 22 (9.3%) | 3 (4.8%) | 5 (9.4%) | 14 (11.7%) |
| **Age (years)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 40.3 (9.87) | 42.1 (10.2) | 40.8 (9.25) | 39.1 (9.85) |
| **Weight (kilograms (kg))** |  |  |  |  |
|  |  |  |  |  |
| Median [Q1, Q3] | 111 [97.4, 130] | 89.2 [84.5, 95.9] | 107 [102, 112] | 128 [114, 142] |
| **Height (meters (m))** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 1.67 (0.0822) | 1.67 (0.0674) | 1.69 (0.0856) | 1.67 (0.0876) |
| **Body mass index (kg/m²)** |  |  |  |  |
|  |  |  |  |  |
| Median [Q1, Q3] | 40.3 [34.6, 46.0] | 33.0 [31.5, 33.8] | 38.3 [36.6, 39.1] | 45.8 [42.4, 51.2] |
| **Surgical procedure** |  |  |  |  |
| LBGS | 31 (13.1%) | 5 (7.9%) | 9 (17.0%) | 17 (14.2%) |
| OAGB | 5 (2.1%) | 1 (1.6%) | 1 (1.9%) | 3 (2.5%) |
| RYGB | 6 (2.5%) | 1 (1.6%) | 1 (1.9%) | 4 (3.3%) |
| SG | 189 (80.1%) | 53 (84.1%) | 41 (77.4%) | 95 (79.2%) |
| **ARISCAT risk group** |  |  |  |  |
| Intermediate Risk | 61 (25.8%) | 18 (28.6%) | 12 (22.6%) | 31 (25.8%) |
| Low Risk | 175 (74.2%) | 45 (71.4%) | 41 (77.4%) | 89 (74.2%) |
| **CO-RADS** |  |  |  |  |
| CO-RADS 1 | 230 (97.5%) | 62 (98.4%) | 51 (96.2%) | 117 (97.5%) |
| CO-RADS 2 | 6 (2.5%) | 1 (1.6%) | 2 (3.8%) | 3 (2.5%) |
| **Oxygen saturation (SpO2) (%)** |  |  |  |  |
|  |  |  |  |  |
| Median [Q1, Q3] | 96.0 [93.0, 97.0] | 97.0 [95.0, 97.5] | 96.0 [94.0, 97.0] | 94.0 [92.0, 97.0] |
| **Mean altitude (meters)** |  |  |  |  |
|  |  |  |  |  |
| Median [Q1, Q3] | 519 [519, 806] | 519 [382, 806] | 519 [519, 885] | 519 [519, 806] |
| **Acute Myocardial Infarction** |  |  |  |  |
| No | 210 (89.0%) | 62 (98.4%) | 52 (98.1%) | 96 (80.0%) |
| Yes | 26 (11.0%) | 1 (1.6%) | 1 (1.9%) | 24 (20.0%) |
| **Hypertension** |  |  |  |  |
| No | 177 (75.0%) | 53 (84.1%) | 40 (75.5%) | 84 (70.0%) |
| Yes | 59 (25.0%) | 10 (15.9%) | 13 (24.5%) | 36 (30.0%) |
| **Diabetes** |  |  |  |  |
| No | 211 (89.4%) | 58 (92.1%) | 48 (90.6%) | 105 (87.5%) |
| Yes | 25 (10.6%) | 5 (7.9%) | 5 (9.4%) | 15 (12.5%) |
| **Asthma** |  |  |  |  |
| No | 216 (91.5%) | 56 (88.9%) | 46 (86.8%) | 114 (95.0%) |
| Yes | 20 (8.5%) | 7 (11.1%) | 7 (13.2%) | 6 (5.0%) |
| **COPD** |  |  |  |  |
| No | 228 (96.6%) | 62 (98.4%) | 53 (100%) | 113 (94.2%) |
| Yes | 8 (3.4%) | 1 (1.6%) | 0 (0%) | 7 (5.8%) |
| **Obstructive sleep apnea** |  |  |  |  |
| No | 203 (86.0%) | 60 (95.2%) | 50 (94.3%) | 93 (77.5%) |
| Yes | 33 (14.0%) | 3 (4.8%) | 3 (5.7%) | 27 (22.5%) |
| **Oxygen use** |  |  |  |  |
| No | 206 (87.3%) | 60 (95.2%) | 50 (94.3%) | 96 (80.0%) |
| Yes | 30 (12.7%) | 3 (4.8%) | 3 (5.7%) | 24 (20.0%) |
| **CPAP** |  |  |  |  |
| No | 203 (86.0%) | 60 (95.2%) | 50 (94.3%) | 93 (77.5%) |
| Yes | 33 (14.0%) | 3 (4.8%) | 3 (5.7%) | 27 (22.5%) |
| **Hypothyroidism** |  |  |  |  |
| No | 213 (90.3%) | 56 (88.9%) | 50 (94.3%) | 107 (89.2%) |
| Yes | 23 (9.7%) | 7 (11.1%) | 3 (5.7%) | 13 (10.8%) |
| **Dyslipidemia** |  |  |  |  |
| No | 218 (92.4%) | 59 (93.7%) | 48 (90.6%) | 111 (92.5%) |
| Yes | 18 (7.6%) | 4 (6.3%) | 5 (9.4%) | 9 (7.5%) |
| **Antidepressants use** |  |  |  |  |
| No | 142 (60.2%) | 37 (58.7%) | 33 (62.3%) | 72 (60.0%) |
| Yes | 94 (39.8%) | 26 (41.3%) | 20 (37.7%) | 48 (40.0%) |
| Assess Respiratory Risk in Surgical Patients in Catalonia (ARISCAT) | | | | |
| body-mass index (BMI) | | | | |
| coronavirus disease (COVID-19) | | | | |
| COVID-19 Reporting and Data System (CO-RADS) | | | | |
| lap-band to gastric sleeve (LBGS) | | | | |
| one anastomosis gastric bypass (OAGB) | | | | |
| peripheral saturation of oxygen (SpO2) | | | | |
| roux-en-Y gastric bypass (RYGB) | | | | |
| sleeve gastrectomy (SG) | | | | |
| white blood cell (WBC) | | | | |
| 25th percentile (Q1) | | | | |
| 75th percentile (Q3) | | | | |
| interquartile range (IQR) | | | | |
| percentage (%) | | | | |
| standard deviation (SD) | | | | |