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

|  | Total (N=236) | Class 1 Obesity (N=62) | Class 2 Obesity (N=53) | Class 3 Obesity (N=121) |
| --- | --- | --- | --- | --- |
| **Sex** |  |  |  |  |
| Man | 22 (9.3%) | 2 (3.2%) | 5 (9.4%) | 15 (12.4%) |
| Woman | 214 (90.7%) | 60 (96.8%) | 48 (90.6%) | 106 (87.6%) |
| **Age (years)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 40.3 (9.87) | 42.1 (10.3) | 40.8 (9.25) | 39.1 (9.82) |
| **Weight (kilograms (kg))** |  |  |  |  |
|  |  |  |  |  |
| Median [Q1, Q3] | 111 [97.4, 130] | 88.8 [84.2, 95.7] | 107 [102, 112] | 128 [114, 142] |
| **Height (meters (m))** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 1.67 (0.0822) | 1.66 (0.0631) | 1.69 (0.0856) | 1.67 (0.0889) |
| **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] | 45.6 [42.2, 51.1] |
| **Surgical procedure** |  |  |  |  |
| LBGS | 31 (13.1%) | 5 (8.1%) | 9 (17.0%) | 17 (14.0%) |
| 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%) | 52 (83.9%) | 41 (77.4%) | 96 (79.3%) |
| **ARISCAT risk group** |  |  |  |  |
| Intermediate Risk | 61 (25.8%) | 18 (29.0%) | 12 (22.6%) | 31 (25.6%) |
| Low Risk | 175 (74.2%) | 44 (71.0%) | 41 (77.4%) | 90 (74.4%) |
| **Oxygen saturation (SpO2) (%)** |  |  |  |  |
|  |  |  |  |  |
| Median [Q1, Q3] | 96.0 [93.0, 97.0] | 97.0 [95.0, 97.8] | 96.0 [94.0, 97.0] | 94.0 [92.0, 97.0] |
| **Mean altitude (meters)** |  |  |  |  |
|  |  |  |  |  |
| Median [Q1, Q3] | 519 [519, 806] | 519 [313, 806] | 519 [519, 885] | 519 [519, 806] |
| **Hypertension** |  |  |  |  |
| No | 177 (75.0%) | 52 (83.9%) | 40 (75.5%) | 85 (70.2%) |
| Yes | 59 (25.0%) | 10 (16.1%) | 13 (24.5%) | 36 (29.8%) |
| **Diabetes** |  |  |  |  |
| No | 211 (89.4%) | 58 (93.5%) | 48 (90.6%) | 105 (86.8%) |
| Yes | 25 (10.6%) | 4 (6.5%) | 5 (9.4%) | 16 (13.2%) |
| **Obstructive sleep apnea** |  |  |  |  |
| No | 218 (92.4%) | 60 (96.8%) | 50 (94.3%) | 108 (89.3%) |
| Yes | 18 (7.6%) | 2 (3.2%) | 3 (5.7%) | 13 (10.7%) |
| **Hypothyroidism** |  |  |  |  |
| No | 213 (90.3%) | 55 (88.7%) | 50 (94.3%) | 108 (89.3%) |
| Yes | 23 (9.7%) | 7 (11.3%) | 3 (5.7%) | 13 (10.7%) |
| **Dyslipidemia** |  |  |  |  |
| No | 218 (92.4%) | 58 (93.5%) | 48 (90.6%) | 112 (92.6%) |
| Yes | 18 (7.6%) | 4 (6.5%) | 5 (9.4%) | 9 (7.4%) |
| **Antidepressants use** |  |  |  |  |
| No | 142 (60.2%) | 36 (58.1%) | 33 (62.3%) | 73 (60.3%) |
| Yes | 94 (39.8%) | 26 (41.9%) | 20 (37.7%) | 48 (39.7%) |
| **CO-RADS** |  |  |  |  |
| CO-RADS 1 | 230 (97.5%) | 61 (98.4%) | 51 (96.2%) | 118 (97.5%) |
| CO-RADS 2 | 6 (2.5%) | 1 (1.6%) | 2 (3.8%) | 3 (2.5%) |
| **Glucose (mg/dL)** |  |  |  |  |
|  |  |  |  |  |
| Median [Q1, Q3] | 83.0 [74.0, 92.0] | 83.0 [77.0, 90.0] | 81.0 [70.0, 92.0] | 83.0 [74.0, 92.0] |
| **Creatinine (mg/dL)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 0.758 (0.146) | 0.773 (0.115) | 0.744 (0.144) | 0.757 (0.160) |
| **Urea (mg/dL)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 21.4 (6.70) | 22.9 (6.08) | 20.5 (6.77) | 21.1 (6.89) |
| **Hemoglobin (g/dL)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 14.5 (1.21) | 14.5 (1.20) | 14.5 (1.17) | 14.6 (1.24) |
| **Hematocrit (%)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 42.8 (3.33) | 42.6 (3.32) | 42.6 (3.22) | 42.9 (3.41) |
| **WBC count (10³/µL)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 7.83 (1.76) | 7.81 (1.74) | 7.71 (1.76) | 7.89 (1.78) |
| **Neutrophils (absolute) (10³/µL)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 4.97 (1.42) | 4.94 (1.39) | 4.83 (1.39) | 5.04 (1.46) |
| **Lymphocytes (absolute) (10³/µL)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 2.70 (0.811) | 2.71 (0.802) | 2.70 (0.920) | 2.69 (0.771) |
| **Monocytes (absolute) (10³/µL)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 2.70 (0.811) | 2.71 (0.802) | 2.70 (0.920) | 2.69 (0.771) |
| **Platelets (cells/µL)** |  |  |  |  |
|  |  |  |  |  |
| Mean (SD) | 316 (64.4) | 307 (67.6) | 319 (63.2) | 320 (63.2) |
| 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) | | | | |