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|  | **Table 1. Preoperative Patient Characteristics** | | | | |  |
|  |  |
|  | Age, y | <65, n (%) | 65-79, n (%) | >80, n (%) | P value |  |
|  | Total | 3669 | 6073 | 1708 |  |  |
|  | Sex |  |  |  | < 0.001 |  |
|  | Female | 1696 (46.3) | 3610 (59.5) | 1155 (67.7) |  |
|  | Male | 1970 (53.7) | 2460 (40.5) | 551 (32.3) |  |
|  | Obesity class (kg/m^2) |  |  |  | < 0.001 |  |
|  | Normal (18.5-24) | 508 (13.9) | 930 (15.4) | 431 (25.4) |  |
|  | Underweight (<18.5) | 27 (0.7) | 40 (0.7) | 28 (1.6) |  |
|  | Overweight (25-29) | 1053 (28.8) | 1919 (31.7) | 700 (41.2) |  |
|  | Obese (>=30) | 2070 (56.6) | 3164 (52.3) | 539 (31.7) |  |
|  | Inpatient vs. Outpatient |  |  |  | < 0.001 |  |
|  | Inpatient | 3265 (89) | 5709 (94) | 1620 (94.8) |  |
|  | Outpatient | 404 (11) | 364 (6) | 88 (5.2) |  |
|  | Anesthesia type |  |  |  | 0.152 |  |
|  | General | 3539 (96.5) | 5878 (96.8) | 1636 (95.8) |  |  |
|  | Regional | 79 (2.2) | 113 (1.9) | 36 (2.1) |  |  |
|  | Other/Not specified | 51 (1.4) | 82 (1.4) | 36 (2.1) |  |  |
|  | ASA class |  |  |  | < 0.001 |  |
|  | 1-2 | 2068 (56.4) | 2614 (43.1) | 565 (33.1) |  |
|  | >3 | 1597 (43.6) | 3453 (56.9) | 1143 (66.9) |  |
|  | History of hypertension | 1963 (53.5) | 4413 (72.7) | 1318 (77.2) | < 0.001 |  |
|  | History of diabetes | 358 (9.8) | 810 (13.3) | 211 (12.4) | < 0.001 |  |
|  | History of pulmonary disease | 333 (9.1) | 762 (12.5) | 235 (13.8) | < 0.001 |  |
|  | History of cardiac disease | 70 (1.9) | 232 (3.8) | 100 (5.9) | < 0.001 |  |
|  | History of smoking | 807 (22) | 438 (7.2) | 43 (2.5) | < 0.001 |  |
|  | Chronic steroid use | 189 (5.2) | 292 (4.8) | 73 (4.3) | 0.373 |  |
|  | Nonindependent functional status | 132 (3.6) | 243 (4) | 118 (6.9) | < 0.001 |  |
|  | Indication for surgery |  |  |  | < 0.001 |  |
|  | Osteoarthritis | 2342 (63.8) | 4226 (69.6) | 1121 (65.6) |  |
|  | Avascular necrosis | 173 (4.7) | 68 (1.1) | 8 (0.5) |  |
|  | Cuff arthropathy | 240 (6.5) | 536 (8.8) | 162 (9.5) |  |
|  | Revision arthroplasty | 166 (4.5) | 191 (3.1) | 46 (2.7) |  |
|  | Fracture | 258 (7) | 454 (7.5) | 232 (13.6) |  |
|  | Unknown | 490 (13.4) | 598 (9.8) | 139 (8.1) |  |
|  | Procedure |  |  |  | < 0.001 |  |
|  | Hemiarthroplasty | 890 (24.3) | 798 (13.1) | 268 (15.7) |  |
|  | Shoulder arthroplasty (TSA/RSA) | 2779 (75.7) | 5275 (86.9) | 1440 (84.3) |  |
|  |  |  |  |  |  |  |
|  | ASA: American Society of Anesthesiologists; Percentages reported in parentheses. | | | | |  |