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| **Table 1.** Characteristics of the cohort |
| **Characteristic** | **Total** | **White** | **Black** | **P-Value** |
| **Number of patients**  | **4170 (100%)** | **4025 (97%)** | **145 (3%)** |  |
| **Age at surgery (years), mean (SD)** | 65.29 (11.01) | 65.42 (10.98) | 61.69 (11.23) | **0.0002** |
| **Female, n (%)** | 2311 (55.42%) | 2219 (55.13%) | 92 (63.45%) | **0.048** |
| **BMI (kg/m2), mean (SD)** | 27.75 (5.48) | 27.68 (5.44) | 29.74 (6.33) | **0.0002** |
| **Hispanic, n (%)** | 75 (1.80%) | 73 (1.81%) | 2 (1.38%) | 1.00 |
| **One or more comorbidities, n (%)** | 1013 (24.29%) | 956 (23.75%) | 57 (39.31%) | **<0.0001** |
| **College or above, n (%)** | 2805 (68.35%) | 2721 (68.69%) | 84 (58.74%) | **0.012** |
| **Insurance payer, n (%)****Medicaid** **Medicare** **Other insurance**  | 53 (1.27%)2317 (55.56%)1800 (43.17%) | 30 (0.75%)2257 (56.07%)1738 (43.18%) | 23 (15.86%)60 (41.38%)62 (42.76%) | **<0.0001** |
| **ASA Class, n (%)****Missing****I-II****III-IV** | 23387 (81.26%)781 (18.74%) | 23279 (81.51%)744 (18.49%) | 0108 (74.48%)37 (25.52%) | **0.033** |
| **Hospital Expectations Score, mean (SD)** | 83.30 (16.46) | 83.17 (16.52) | 86.64 (14.42) | **0.043** |
| **WOMAC pain at baseline, mean (SD)** | 53.58 (17.85) | 53.84 (17.72) | 46.48 (20.04) | **<0.0001** |
| **WOMAC pain at 2 Years, mean (SD)** | 93.63 (11.39) | 93.81 (11.13) | 88.60 (16.39) | **<0.0001** |
| **Delta WOMAC pain, mean (SD)** | 40.04 (19.14) | 39.97 (18.95) | 42.15 (23.75) | 0.144 |
| **WOMAC function at baseline, mean (SD)** | 49.93 (18.04) | 50.19 (18.00) | 42.78 (17.80) | **<0.0001** |
| **WOMAC function at 2 Years, mean (SD)** | 90.86 (13.21) | 85.43 (16.09) | 77.80 (22.42) | **<0.0001** |
| **Delta WOMAC function, mean (SD)** | 40.93 (19.31) | 40.89 (19.12) | 41.93 (24.22) | 0.351 |
| **Percent Below Poverty Level, n (%)** **<10%** **10%-20%** **20%-30%** **30%-40%** **>40%** | 3363 (80.69%)626 (15.02%)102 (2.45%)51 (1.22%)26 (0.62%) | 3303 (82.10%)585 (14.54%)82 (2.04%)33 (0.82%)20 (0.50%) | 60 (41.38%)41 (28.28%)20 (13.79%)18 (12.41%)6 (4.14%) | **<0.0001** |
| **Percent with Medicaid Coverage, n (%)** **<=10%** **10%-20%** **20%-30%** **30%-40%** **>40%** | 3128 (75.85%)679 (16.46%)194 (4.70%)97 (2.35%)26 (0.63%) | 3086 (76.71%)644 (16.12%)167 (4.18%)77 (1.93%)20 (0.50%) | 42 (32.31%)35 (26.92%)27 (20.77%)20 (15.38%)6 (4.62%) | **<0.0001** |