Table S4. Baseline characteristics of new users of Enzalutamide and Abiraterone acetate matched by propensity score (before matching)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | All patients | Enzalutamide | Abiraterone acetate | *P* value |
| **Characteristics** | (n = 5,054) | (n = 3,033) | (n = 2,021) |  |
| Age (mean ± standard deviation) | 77.5(± 8.02) | 78.2(± 7.88) | 76.4(± 8.09) | <0.001\* |
| **Use drugs** | | | | |
| Diabetes drug | 343(6.8) | 195(6.4) | 148(7.3) | 0.231 |
| Hypertensive drugs | 757(15.0) | 441(14.5) | 316(15.6) | 0.296 |
| Nitrate | 51(1.0) | 36(1.2) | 15(0.7) | 0.150 |
| Platelet inhibitors | 238(4.7) | 142(4.7) | 96(4.8) | 0.946 |
| Anticoagulant | 84(1.7) | 43(1.4) | 41(2.0) | 0.115 |
| Lipid lowering drug | 301(6.0) | 182(6.0) | 119(5.9) | 0.903 |
| Antidepressant | 73(1.4) | 43(1.4) | 30(1.5) | 0.904 |
| Antipsychotic | 151(3.0) | 81(2.7) | 70(3.5) | 0.109 |
| Anxiolytic, hypnotic, or sedative | 582(11.5) | 319(10.5) | 263(13.0) | 0.007\* |
| Beta-2 agonist inhalant | 31(0.6) | 21(0.7) | 10(0.5) | 0.463 |
| Anticholinergic inhalant | 25(0.5) | 15(0.5) | 10(0.5) | 1.000 |
| Glucocorticoid inhalant | 26(0.5) | 15(0.5) | 11(0.5) | 0.842 |
| NSAID | 980(19.4) | 504(16.6) | 476(23.6) | <0.001\* |
| Opioid | 240(4.7) | 114(3.8) | 126(6.2) | <0.001\* |
| **Comorbidities** | | | | |
| Angina pectoris | 19(0.4) | 14(0.5) | 5(0.2) | 0.251 |
| Other ischemic heart disease | 397(7.9) | 219(7.2) | 178(8.8) | 0.043\* |
| Cardiomyopathy | 2(0.0) | 0(0.0) | 2(0.1) | 0.160 |
| Valve disorders | 75(1.5) | 36(1.2) | 39(1.9) | 0.043\* |
| Other cerebrovascular disease | 168(3.3) | 108(3.6) | 60(3.0) | 0.263 |
| Atrial fibrillation | 105(2.1) | 62(2.0) | 43(2.1) | 0.841 |
| Other arrhythmia | 141(2.8) | 84(2.8) | 57(2.8) | 0.931 |
| Diabetic complications | 163(3.2) | 109(3.6) | 54(2.7) | 0.074 |
| COPD | 62(1.2) | 32(1.1) | 30(1.5) | 0.193 |
| Other lung disease | 448(8.9) | 250(8.2) | 198(9.8) | 0.062 |
| Venous thromboembolism | 221(4.4) | 115(3.8) | 106(5.2) | 0.014\* |
| Cancer (not prostate cancer) | 3384(67.0) | 1934(63.8) | 1450(71.7) | <0.001\* |
| Liver disease | 990(19.6) | 594(19.6) | 396(19.6) | 1.000 |
| Rheumatic disease | 99(2.0) | 68(2.2) | 31(1.5) | 0.079 |
| Psychiatric disorder | 265(5.2) | 144(4.7) | 121(6.0) | 0.054 |
| Fracture | 274(5.4) | 166(5.5) | 108(5.3) | 0.899 |
| Arterial disease (including amputation) | 207(4.1) | 115(3.8) | 92(4.6) | 0.192 |
| Renal disease | 371(7.3) | 206(6.8) | 165(8.2) | 0.069 |