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| **Additional file 3: Table S2** Patient baseline demographic and disease characteristics

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| --- | --- | --- | --- |
|  | **Tofacitinib 5 mg BID****(n = 1123)** | **Tofacitinib 10 mg BID** **(n = 3358)** | **All tofacitinib** **(n = 4481)**  |
| Age, mean (SD)  | 54.0 (12.1) | 53.0 (11.5) | 53.3 (11.6) |
| Female, n (%)  | 927 (82.5) | 2744 (81.7) | 3671 (81.9) |
| Race, n (%) WhiteBlackAsianHispanicOther | 745 (66.3)28 (2.5)225 (20.0)14 (1.2)111 (9.9)  | 2430 (72.4)112 (3.3)475 (14.1)0341 (10.2) | 3175 (70.9)140 (3.1)700 (15.6)14 (0.3)452 (10.1)  |
| BMI, mean (SD) kg/m2 | 27.0 (5.9) | 27.7 (6.5) | 27.5 (6.4) |
| Smoking status, n (%)Never-smokerSmokerEx-smokerUnknown | 702 (62.5)177 (15.8)173 (15.4)71 (6.3) | 2136 (63.6)596 (17.7)622 (18.5)4 (0.1) | 2838 (63.3)773 (17.3)795 (17.7)75 (1.7)  |
| Tender joint count, mean (SD)  | 22.8 (13.5) | 25.7 (14.9) | 25.0 (14.6) |
| Swollen joint count, mean (SD)  | 14.7 (8.8) | 15.4 (9.3) | 15.2 (9.2) |
| ESR, mean (SD) | 46.2 (25.4) | 49.1 (27.1) | 48.5 (26.7) |
| CRP, mean (SD)  | 18.3 (22.6) | 18.0 (23.2) | 18.1 (23.1) |
| DAS28-4(ESR), mean (SD)  | 6.3 (1.0) | 6.4 (1.0) | 6.4 (1.0)  |
| Duration of disease, mean (SD) years  | 8.6 (8.4) | 7.7 (7.9) | 7.9 (8.0) |
| CDAI, mean (SD) | 36.4 (13.0) | 37.2 (13.1) | 37.0 (13.1) |
| SDAI, mean (SD)  | 38.3 (13.7) | 39.0 (13.8) | 38.8 (13.7) |
| Positive for rheumatoid factor, n (%) | 791 (75.3) | 2245 (72.2) | 3036 (73.0) |
| Positive for anti-citrullinated protein antibody, n (%)  | 329 (78.9) | 2297 (75.9) | 2626 (76.3) |
| Herpes zoster, n (%)aHad chicken poxReceived chicken pox vaccine Received herpes zoster vaccineEver had shingles (herpes zoster) once during lifetime  | 243 (21.6)19 (1.7)44 (3.9)87 (7.8) | 1048 (31.2)134 (4.0)72 (2.1)366 (10.9) | 1291 (28.8) 153 (3.4)116 (2.6)453 (10.1) |

aMany patients unknown for one or more options due to incomplete data collection for duration of study Baseline qualifying index study data were used for approximately 90% of patients (index baseline data applicable to efficacy/laboratory variables, with disease duration calculated at index baseline; LTE baseline data applicable to demographic variables)Database lock: March 2, 2017*BID* twice daily, *BMI* body mass index, *CDAI* Clinical Disease Activity Index, *CRP* C-reactive protein, *DAS28-4(ESR)* Disease Activity Score in 28 joints using erythrocyte sedimentation rate, *ESR* erythrocyte sedimentation rate, *LTE* long-term extension, *SD* standard deviation, *SDAI* Simplified Disease Activity Index |