Supplementary Table 1. Baseline characteristics of patients who underwent routine primary TKA in 2019.

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| **Baseline characteristic** | **No albumin (n=563)** | **Albumin use (n=97)** | **All (n=660)** |
| Demographic characteristic | | | |
| Age (years) | 67.33±8.55 | 69.44±7.86 | 67.64±8.48 |
| Female | 447 (79.4) | 79 (81.4) | 526 (79.7) |
| BMI (kg/m2) | 25.90±3.53 | 25.50±4.00 | 25.84±3.60 |
| Diagnosis  Primary osteoarthritis  Inflammatory arthritis | 529 (95.0)  34 (6.04) | 85 (87.6)  12 (12.3) | 614 (93.0)  46 (6.97) |
| Comorbidity |  |  |  |
| Hypertension | 250 (44.4) | 35 (36.1) | 285 (43.2) |
| Diabetes | 66 (11.7) | 11 (11.3) | 77 (11.7) |
| COPD | 18 (3.20) | 3 (3.09) | 21 (3.18) |
| CHD | 13 (2.31) | 2 (2.06) | 15 (2.27) |
| Preoperative laboratory test | | | |
| ALB (g/L) | 43.23±2.48 | 40.36±3.48 | 42.85±2.84 |
| Hb (g/L) | 134.33±15.28 | 133.00±12.87 | 134.13±14.95 |
| CRP (mg/L) | 4.11±3.44 | 5.01±5.02 | 4.24±3.73 |
| ESR (mm/h) | 23.65±16.84 | 28.82±18.65 | 24.40±17.19 |

Values are n (%) or mean ± SD.

Abbreviations: ALB: albumin; BMI: body mass index; CHD: coronary heart disease; COPD: chronic obstructive pulmonary disease; CRP: C-reactive protein; ESR: erythrocyte sedimentation rate; Hb: hemoglobin.