



FIG. S1. Kaplan-Meier for cumulative risk of cancer stratified by autologous HSCT, allogeneic HSCT, and CBSCT with log-rank test. The cumulative risks of secondary cancer were higher in the autologous HSCT cohort than in the control cohort; this pattern continued until the end of the follow-up period (log-rank; $p = 0.001$). HSCT, hematopoietic stem cell transplantation; CBSCT, cord blood cell stem cell transplantation

TABLE SUPPLEMENTARY 1. Years of Follow-up.

| HSCT | Min | Median | Max | Mean \pm SD |
|---------|------|--------|-------|-----------------|
| With | 0.01 | 2.16 | 10.53 | 5.11 \pm 6.90 |
| Without | 0.01 | 2.57 | 10.65 | 5.40 \pm 9.36 |
| Overall | 0.01 | 2.21 | 10.65 | 5.34 \pm 8.92 |

Min, minimum; Max, maximum; SD, standard deviation

TABLE SUPPLEMENTARY 2. Number of cancers during Tracking Years Stratified by HSCT with Log-rank P Value

| HSCT | In the tracking of x year(s) | | Log-rank P |
|------|------------------------------|----------------------|------------|
| | With (n = 3059) | Without (n = 12,236) | |
| 1 | 39 | 116 | 0.707 |
| 2 | 63 | 170 | 0.520 |
| 3 | 72 | 218 | 0.248 |
| 4 | 89 | 253 | 0.181 |
| 5 | 99 | 276 | 0.395 |
| 6 | 104 | 281 | 0.479 |
| 7 | 105 | 285 | 0.026 |
| 8 | 105 | 291 | 0.038 |
| 9 | 106 | 294 | 0.003 |
| 10 | 106 | 294 | 0.003 |
| 11 | 106 | 294 | 0.002 |

TABLE SUPPLEMENTARY 3. Latency Years to Diagnosis of Cancer

| HSCT | Min | Median | Max | Mean \pm SD |
|---------|------|--------|------|-----------------|
| With | 0.12 | 1.46 | 8.69 | 2.05 \pm 1.79 |
| Without | 0.01 | 1.51 | 8.84 | 2.08 \pm 1.82 |
| Overall | 0.01 | 1.49 | 8.84 | 2.07 \pm 1.81 |

Min, minimum; Max, maximum; SD, standard deviation