

S2 Table. Incidence rate and standardized incidence ratio of secondary cancer in multiple myeloma patients compared with general population, stratified by stem cell transplantation status

Cancer site	Incident rate (95 % CI) ^{a)}	Observed N	Expected N	SIR	p-value
Men					
All	1,275.6 (1,092-1,459.2)	183	209.3	0.88 (0.75-1.01)	0.052
Gastrointestinal cancer	278.8 (192.5-365.1)	40	66.4	0.60 (0.42-0.79)	< 0.001
Head and Neck cancer	76.7 (31.4-122.0)	11	13.4	0.82 (0.34-1.30)	0.463
Hepatobiliary cancer	188.2 (117.3-259.1)	27	32.4	0.83 (0.52-1.15)	0.3
Breast cancer	7.0 (0.0-20.7)	1	3.7	0.27 (0.00-0.82)	0.007
Genitourinary	125.5 (67.6-183.4)	18	27.5	0.65 (0.35-0.96)	0.025
Gynecology	7.0 (0.0-20.7)	1	1.7	0.59 (0.00-1.76)	0.493
Lymphoid	153.3 (89.3-217.3)	22	6.7	3.28 (1.91-4.66)	0.001
Musculoskeletal and Soft tissue	62.7 (21.7-103.7)	9	8.2	1.10 (0.38-1.81)	0.788
Myeloid	48.8 (12.7-84.9)	7	1.6	4.33 (1.12-7.53)	0.042
Thorax	167.3 (100.4-234.2)	24	34.2	0.70 (0.42-0.98)	0.038
CNS	0.0 (0.0-0.0)	0	13.4	0.00 (0.00-0.00)	-
Women					
All	632.0 (464.0-800.0)	54	63.6	0.85 (0.62-1.08)	0.191
Gastrointestinal cancer	81.9 (21.2-142.6)	7	18.8	0.37 (0.10-0.65)	< 0.001
Head and Neck cancer	23.4 (0.0-55.8)	2	10.7	0.19 (0.00-0.45)	< 0.001
Hepatobiliary cancer	58.5 (7.2-109.8)	5	8.2	0.61 (0.08-1.15)	0.154
Breast cancer	23.4 (0.0-55.8)	2	0.04	40.5 (0.00-96.67)	0.168
Genitourinary	105.3 (36.5-174.1)	9	10.6	0.85 (0.29-1.40)	0.588

Gynecology	11.7 (0.0-34.6)	1	0.6	1.77 (0.00-5.25)	0.663
Lymphoid	81.9 (21.2-142.6)	7	2.1	3.40 (0.88-5.92)	0.062
Musculoskeletal and Soft tissue	35.1 (0.0-74.8)	3	1.7	1.78 (0.00-3.81)	0.446
Myeloid	11.7 (0.0-34.6)	1	0.9	1.06 (0.00-3.15)	0.953
Thorax	81.9 (21.2-142.6)	7	6.4	1.09 (0.28-1.90)	0.823
CNS	11.7 (0.0-34.6)	1	4.2	0.24 (0.00-0.70)	0.001

CI, confidence interval; CNS, central nervous system; SIR, standardized incidence rate. ^aPer 100,000 person-years.