

**Supplementary Table 1.** List of secondary primary neoplasms

Type of second cancer	ICD-9	No. (%)
Esophagus	150.4	1 (0.3)
Stomach	151.2; 151.4; 151.5; 151.8; 151.9	10 (3.3)
Small intestine	152.2	1 (0.3)
Colon	153.0–153.4; 153.6	28 (9.2)
Rectum	154.0; 154.1	4 (1.3)
Liver	155.0–152.2	5 (1.6)
Gallbladder	156.1	1 (0.3)
Pancreas	157.0–157.2	6 (2.0)
Larynx	161.0–161.1	3 (1.0)
Lung	162.3–162.1	15 (4.9)
Melanoma	172.4; 172.5; 172.6	7 (2.3)
Skin	173.0–173.9	46 (15.1)
Mesothelioma	163.9	1 (0.3)
Kaposi	176.0	1 (0.3)
Soft tissue	171.0; 171.4	2 (0.7)
Contralateral BC	174.0–174.5; 174.9	69 (22.6)
Cervix and corpus uteri	180.0–180.1; 180.9; 182.0–182.1; 182.9	27 (8.9)
Ovary	183.0–183.9	11 (3.6)
Other genital system	184.0; 184.4	4 (1.3)
Kidney	189.0–189.9	11 (3.6)
Bladder	188.9	5 (1.6)
Brain and ONS	191.1; 191.8	3 (1.0)
Thyroid	193	11 (3.6)
Other endocrine glands	194.0	1 (0.3)
Hodgkin lymphoma	201.5	2 (0.7)
Non-Hodgkin lymphoma	200.6; 200.7; 202.0	6 (2.0)
Multiple myeloma	203	4 (1.3)
B-ALL	205.0	2 (0.7)
B-CLL	204.0	3 (1.0)
AML	205.1	5 (1.6)
CML	204.1	2 (0.7)
MPC and MDS	238.4; 238.71; 238.72; 238.75	5 (1.6)
Miscellaneous and unspecified		3 (1.0)
Total		305 (100.0)

BC=breast cancer; ONC=other nervous system; ALL=acute lymphatic leukemia; CLL=chronic lymphatic leukemia; AML=acute myeloid leukemia, CML=chronic myeloid leukemia; MPC and MDS=myeloproliferative and myelodysplastic syndrome.