

Supplementary Table 1. ICD-9 and -10 diagnosis codes used

ICD-9 Diagnosis Codes	
Metastasis	198.3, 198.4, 198.5
Primary tumors	
Lung	162.2, 162.3, 162.4, 162.5, 162.8, 162.9, V10.11
Breast	174, 175, V10.3
Prostate	185, V10.46
Renal	189.0, 189.1, V10.52
Colorectal	153, 154, V10.05, V10.06
Liver	155, V10.07
Unknown	199.0, 199.1, V10.90
ICD-10 Diagnosis Codes	
Metastasis	C79.51
Primary Tumors	
Lung	Z85.118, C34.00, C34.01, C34.02, C34.10, C34.11, C34.12, C34.2, C34.30, C34.31, C34.32, C34.80, C34.81, C34.82, C34.90, C34.91, C34.92
Breast	Z85.3, C50
Prostate	Z85.46, C61
Renal	C64, C65, Z85528, Z8553
Colorectal	C18, C19, C20, C21, Z8503, Z8504
Liver	C22, Z85.05
Unknown	C800, C801, Z8589, Z859

ICD, International Classification of Diseases.