

**Appendix 1 (as supplied by the authors):** Diagnostic labels used in the study and their corresponding ICD codes

Study diagnosis name	ICD 9	ICD 10
Abdominal pain	7890	R100
Abdominal pain		R101
Abdominal pain		R102
Abdominal pain		R103
Abdominal pain		R104
Abnormal lung imaging	7931	R91
Altered level of consciousness	7800	F059
Altered level of consciousness		R400
Altered level of consciousness		R401
Altered level of consciousness		R4029
Altered level of consciousness		R410
Altered level of consciousness		R4180
Altered level of consciousness		R4188
Altered level of consciousness		R42
Altered level of consciousness		R451
Altered level of consciousness		R470
Altered level of consciousness		R478
Anemia	2859	D649
Anemia		D630
Anemia		D638
Ascites	7895	R18
Atrial fibrillation and/or flutter	4273	I480
Attention to surgical dressings and sutures	V583	Z480
Back pain	723	M43
Back pain	724	M48
Back pain		M53
Back pain		M54
Blood transfusion	V582	Z513
Bone metastases	1985	C795
Brain mets	1983	C793
Breast cancer	174	C50
Cachexia	7994	R64
Cardiac arrest	4275	I46
Chemotherapy	V581	Z511
Chemotherapy	V073	Z512
Chemotherapy		Z292
Chest pain	7865	R071
Chest pain		R072
Chest pain		R073
Chest pain		R074
CNS neoplasm	C71	191
Colon ca	153	C18
Congestive Heart Failure	428	I50
Constipation	5640	K590

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Convalescence after treatment	V66	Z54
Convulsions	7803	R568
COPD	490	J40
COPD	491	J41
COPD	496	J42
COPD		J44
Dehydration	2765	E860
Dehydration		E868
Dyspnea	7860	R060
Epistaxis	7847	R040
Esophageal cancer	150	C15
Fever	7806	R500
Fever		R501
Fever		R509
Fitting and adjustment of urinary device	V536	Z466
FU examination after treatment	V67	Z08
FU examination after treatment		Z09
GI hemorrhage	5789	K922
Headache	7840	R51
Hematuria	5997	R31
Hemoptysis	7863	R042
Hemoptysis		R048
Hemoptysis		R049
Intestinal obstruction	5609	K566
Issue repeat prescription	V681	Z760
Jaundice	7824	R17
Laboratory examination (no reported complaint or diagnosis)	V726	Z017
Lung cancer	162	C34
Lung metastases	1970	C780
Lung metastases		C782
Malaise and Fatigue	7807	R53
Malignant neoplasm unspecified site	199	C80
Multiple myeloma	203	C90
Nausea and/or vomiting	7870	R110
Nausea and/or vomiting		R111
Nausea and/or vomiting		R112
Nausea and/or vomiting		R113
Nausea and/or vomiting		R118
Neutropenia	2880	D700
NHL unspecified type	2028	C82
NHL unspecified type		C83
NHL unspecified type		C85
NHL unspecified type		C86
Non-infective gastroenteritis and colitis unspecified	558	K529
Other specified medical care		Z518
Ovarian cancer	183	C56
Pain in limb	7295	M7960

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Pain in limb		M7961
Pain in limb		M7969
Palliative care		Z515
Pancreatic cancer	157	C25
Phlebitis and thrombophlebitis	451	I80
Pleural effusion	5119	J90
Pneumonia	486	J18
Prostate cancer	185	C61
Renal failure	584	N17
Renal failure	585	N18
Renal failure	586	N19
Retention of urine	7882	R33
Septicemia	038	A40
Septicemia		A41
Stomach cancer	151	C16
Stroke	436	I64
Stroke	434	
Syncope and collapse	7802	R55
Thromboembolism	1251	I26
Urinary tract infection	5990	N390

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