Supplementary Table 1. ICD-9 and ICD-10 diagnosis codes for Alzheimer's disease and related dementias (ADRD) / mild cognitive impairment (MCI) and chronic conditions⁴³

Mild Cognitive Impairr ICD9 ICD10 Alzheimer's disease a Alzheimer's disease ICD9 ICD10	331.83 G31.84	Mild cognitive impairment, so stated Mild cognitive impairment, so stated Alzheimer's disease
ICD10 Alzheimer's disease a Alzheimer's disease ICD9	G31.84 and related dementias 331.0	Mild cognitive impairment, so stated
Alzheimer's disease a Alzheimer's disease ICD9	nd related dementias 331.0	
Alzheimer's disease	331.0	Alzheimer's disease
ICD9		Alzheimer's disease
		Alzheimer's disease
	0.00	Alzheimer's disease
	G30.0	Alzheimer's disease with early onset
	G30.1	Alzheimer's disease with late onset
	G30.8	Other Alzheimer's disease
	G30.9	Alzheimer's disease, unspecified
	630.9	Alzheimer s'ulsease, unspecifieu
Vascular dementia		
ICD9	290.4	Vascular dementia
	290.40	Vascular dementia, uncomplicated
	290.41	Vascular dementia, with delirium
	290.42	Vascular dementia, with delusions
	290.43	Vascular dementia, with depressed mood
ICD10	F01	Vascular dementia
	F01.5	Vascular dementia
	F01.50	Vascular dementia without behavioral disturbance
	F01.51	Vascular dementia with behavioral disturbance
Lewy Body Dementia		
ICD9	331.82	Dementia with Lewy bodies
ICD10	G31.83	Dementia with Lewy bodies
Frontotemporal Deme		
ICD9	331.1	Frontotemporal Dementia
	331.11	Pick's disease
	331.19	Other frontotemporal dementia
ICD10	G31.0	Frontotemporal Dementia
10010	G31.01	Pick's disease
	G31.09	Other frontotemporal dementia
Mental Health Disorde		Other Hondotemporal dementia
	15	
Anxiety ICD9	300.0	Apviatu atataa
ICD9		Anxiety states
	300.00	Anxiety state, unspecified
	300.02	Generalized anxiety disorder
ICD10	F41	Other Anxiety disorders
	F41.0	Panic disorder [episodic paroxysmal anxiety]
	F41.1	Generalized anxiety disorder
	F41.8	Other specified anxiety disorders
	F41.9	Anxiety disorder, unspecified
Major Depressive Disc		
ICD9	296.2	Major depressive disorder, single episode
	296.3	Major depressive disorder, recurrent
ICD10	F32.0-F32.9	Major depressive disorder
	F32.A	Depression, unspecified
	F33.0-F33.9	Major depressive disorder, recurrent
Bipolar Disorder		

ICD9 ICD10	296.0-296.9 F31.0-F31.9	Bipolar disorders Bipolar disorders
Psychotic Disorder ICD9	295.0-295.9	Sabizantrania disardara
ICD9	295.0-295.9	Schizophrenic disorders Delusional disorders
ICD10	F20.0-F20.9	Schizophrenia
10010	F22	Delusional disorders
	F23	Brief psychotic disorder
	F24	Shared psychotic disorder
	F25.0, F25.1, F25.8,	
	F25.9	Schizoaffective disorders
		Other psychotic disorder not due to a substance or known
	F28	physiological condition
		Unspecified psychosis not due to a substance or known
	F29	physiological condition
Sleep Disorder		
ICD9	307.4	Specific disorder of sleep of nonorganic origin
	327.0-327.8	Organic sleep disorders
	780.5	Sleep disturbances
ICD10	G47.0-G47.9	Sleep disorder
Chronic Conditions		
Hypertension		E 211
ICD9	401.0, 401.1, 401.9	Essential hypertension
ICD10	405.0, 405.1, 405.9	Secondary hypertension
ICDIU	l10 l15	Essential (primary) hypertension Secondary hypertension
	113 11A	Other hypertension
Cerebrovascular Dise		Other Hypertension
ICD9	436	Acute, but ill-defined, cerebrovascular disease
1020	437.0-437.9	Other and ill-defined cerebrovascular disease
	438.0-438.9	Late effects of cerebrovascular disease
ICD10	167.0-167.9	Other cerebrovascular diseases
	168.0, 168.2, 168.8	Cerebrovascular disorders in diseases classified elsewhere
	169.8, 169.9	Sequelae of cerebrovascular disease
Cerebral infarction		
ICD9		Occlusion and stenosis of basilar artery with cerebral
	433.01	infarction
	100.11	Occlusion and stenosis of carotid artery with cerebral
	433.11	infarction
	433.21	Occlusion and stenosis of vertebral artery with cerebral infarction
	400.21	Occlusion and stenosis of multiple and bilateral precerebral
	433.31	arteries with cerebral infarction
	400.01	Occlusion and stenosis of other specified precerebral artery
	433.81	with cerebral infarction
		Occlusion and stenosis of unspecified precerebral artery
	433.91	with cerebral infarction
	434.01	Cerebral thrombosis with cerebral infarction
	434.11	Cerebral embolism with cerebral infarction
		Cerebral artery occlusion, unspecified with cerebral
	434.91	infarction
ICD10	163.0-163.9	Cerebral infarction
()vorwoight and ()hos		
Overweight and Obes	sity	
ICD9		Overweight and obesity

	278.00 278.01 278.02 278.03	Obesity, unspecified Morbid obesity Overweight Obesity hypoventilation syndrome		
ICD10	E66.0-E66.9	Overweight and obesity		
Diabetes		o y		
ICD9	250.0-250.9	Diabetes mellitus (Type 1 & 2)		
ICD10	E10.1-E10.9	Type 1 diabetes mellitus		
• • •	E11.1-E11.9	Type 2 diabetes mellitus		
Coronary artery disea		Corregence athereoclareocia		
ICD9	414.0 414.2	Coronary atherosclerosis Chronic total occlusion of coronary artery		
	414.3	Coronary atherosclerosis due to lipid rich plaque		
	414.4	Coronary atherosclerosis due to calcified coronary lesion		
	414.8	Other specified forms of chronic ischemic heart disease		
	414.9	Chronic ischemic heart disease, unspecified		
ICD10	125.1	Atherosclerotic heart disease of native coronary artery		
	125.8	Other forms of chronic ischemic heart disease		
	125.9	Chronic ischemic heart disease, unspecified		
Heart failure	400.0			
ICD9	428.0	Congestive heart failure		
	428.1 428.2	Left heart failure Systolic heart failure		
	428.3	Diastolic heart failure		
	428.4	Combined systolic and diastolic heart failure		
	428.9	Heart failure, unspecified		
ICD10	150.1	Left ventricular failure, unspecified		
	150.2	Systolic (congestive) heart failure		
	150.3	Diastolic (congestive) heart failure		
		Combined systolic (congestive) and diastolic (congestive)		
	150.4	heart failure		
	150.8 150.9	Other heart failure		
Myocardial infarction	150.9	Heart failure, unspecified		
ICD9	410.0-410.9	Acute myocardial infarction		
ICD10	121.0-121.9	Acute myocardial infarction		
	l21.A	Other type of myocardial infarction		
		Myocardial infarction with coronary microvascular		
	l21.B	dysfunction		
Chronic obstructive pulmonary disease				
	493.20	Chronic obstructive asthma, unspecified		
	493.21	Chronic obstructive asthma with status asthmaticus		
	493.22 496	Chronic obstructive asthma with (acute) exacerbation Chronic airway obstruction, not elsewhere classified		
ICD10	450	Chronic obstructive pulmonary disease with (acute) lower		
10010	J44.0	respiratory infection		
	01110	Chronic obstructive pulmonary disease with (acute)		
	J44.1	exacerbation		
	J44.8	Other specified chronic obstructive pulmonary disease		
	J44.9	Chronic obstructive pulmonary disease, unspecified		
Chronic kidney disease				
ICD9	585.1-585.5	Chronic kidney disease, Stage I-Stage V		
	585.6 585.0	End stage renal disease		
ICD10	585.9 N18.1-N18.5	Chronic kidney disease, unspecified Chronic kidney disease, stage 1-Stage 5		
		onionio nuncy discuss, stage 1-otage o		

	N18.6	End stage renal disease
	N18.9	Chronic kidney disease, unspecified
Chronic liver disease		
ICD9	571.0-571.9	Chronic liver disease and cirrhosis
ICD10	K73.0-K73.9	Chronic hepatitis, not elsewhere classified
Cancer		
ICD9	140-239	Neoplasms
ICD10	C00-C96	Neoplasms
	D00-D49	Neoplasms

Sources:

[43] Du, X. L., Song, L., Schulz, P. E., Xu, H., & Chan, W. (2022). Risk of Developing Alzheimer's Disease and Related Dementias in Association with Cardiovascular Disease, Stroke, Hypertension, and Diabetes in a Large Cohort of Women with Breast Cancer and with up to 26 Years of Follow-Up. Journal of Alzheimer's disease: JAD, 87(1), 415–432. https://doi.org/10.3233/JAD-215657