

■ **eAppendix A.** Therapies Indicated for Treatment of Alzheimer's Disease

| Generic Name | Brand Name |
|--------------------------|-------------------|
| Donepezil hydrochloride | Aricept |
| Tacrine hydrochloride | Cognex |
| Rivastigmine tartrate | Exelon |
| Memantine hydrochloride | Namenda |
| Galantamine hydrobromide | Razadyne/Reminyl |

■ **eAppendix B.** Codes Used for Defining Comorbidities

| Comorbidity | ICD-9-CM Code | CPT Code | ICD-9-CM Procedure Code | Condition |
|-------------------------------|---------------|-------------|-------------------------|--|
| Rheumatoid arthritis | 714.xx | | | |
| Osteoarthritis | 715.xx | | | |
| Cardiovascular disease | | | | |
| | | | 36.01-36.09 | Angioplasty |
| | | | 36.1 | Bypass anastomosis for heart revascularization |
| | | | 36.2 | Heart revascularization by arterial implant |
| | | | 38.12 | Endarterectomy, other vessels of head and neck |
| | | | 38.13 | Endarterectomy, upper limb vessels |
| | | | 38.18 | Endarterectomy, lower limb arteries |
| | | | 39.25 | Aorta-iliac-femoral bypass |
| | | | 39.26 | Other intra-abdominal vascular shunt or bypass |
| | | | 39.29 | Other (peripheral) vascular shunt or bypass |
| | | | 39.50 | Angioplasty or atherectomy of noncoronary vessel |
| | | | 39.90 | Insertion of noncoronary artery stent or stents |
| | | 33510-33516 | | CABG, vein |
| | | 33517-33545 | | CABG, artery-vein |
| | | 33572 | | Open coronary endarterectomy |
| | | 34101-34111 | | Removal of artery clot |
| | | 34201-34203 | | Removal of artery clot |
| | | 35301 | | Rechanneling of artery |
| | | 35311-35381 | | Rechanneling of artery |
| | | 35390 | | Reoperation, carotid add-on |
| | | 35454-35456 | | Repair arterial blockage |
| | | 35459 | | Repair arterial blockage |
| | | 35470 | | Repair arterial blockage |
| | | 35473-35474 | | Repair arterial blockage |
| | | 35482-35483 | | Atherectomy, open |
| | | 35485 | | Atherectomy, open |
| | | 35492-35493 | | Atherectomy, percutaneous |
| | | 35495 | | Atherectomy, percutaneous |
| | | 35533 | | Artery bypass graft |
| | | 35541-35571 | | Artery bypass graft |
| | | 35641 | | Artery bypass graft |
| | | 35646 | | Artery bypass graft |
| | | 35654 | | Artery bypass graft |
| | | 92975 | | Dissolve clot, heart vessel |
| | | 92980-92981 | | Insert intracoronary stent |
| | | 92982-92984 | | Coronary artery dilation |
| | | 92995-92996 | | Coronary atherectomy |

(Continued)

Burden of Alzheimer's Disease

■ eAppendix B. Codes Used for Defining Comorbidities (Continued)

| Comorbidity | ICD-9-CM Code | CPT Code | ICD-9-CM Procedure Code | Condition |
|--------------------------------------|---------------|----------|-------------------------|---|
| | 410.xx | | | Acute myocardial infarction |
| | 411.xx | | | Other acute and subacute forms of ischemic heart disease |
| | 412.xx | | | Old myocardial infarction |
| | 413.xx | | | Angina pectoris |
| | 414.xx | | | Other forms of chronic ischemic heart disease |
| | 440.xx | | | Atherosclerosis |
| | 441.xx | | | Aortic aneurysm and dissection |
| | 443.9 | | | Peripheral vascular disease, unspecified |
| | 402.01 | | | Hypertensive heart disease; malignant; with heart failure |
| | 402.11 | | | Hypertensive heart disease; benign; with heart failure |
| | 402.91 | | | Hypertensive heart disease; unspecified; with heart failure |
| | 404.01 | | | Hypertensive heart and renal disease; malignant; with heart failure |
| | 404.03 | | | Hypertensive heart and renal disease; malignant; with heart failure and renal failure |
| | 404.11 | | | Hypertensive heart and renal disease; benign; with heart failure |
| | 404.13 | | | Hypertensive heart and renal disease; benign; with heart failure and renal failure |
| | 404.91 | | | Hypertensive heart and renal disease; unspecified; with CHF |
| | 404.93 | | | Hypertensive heart and renal disease; unspecified; with heart failure and renal failure |
| | 428.xx | | | Heart failure |
| Cerebrovascular disease | 430.xx-438.9x | | | |
| Hypertension^a | | | | |
| | 401.xx | | | Essential hypertension |
| | 402.xx | | | Hypertensive heart disease |
| | 403.xx | | | Hypertensive renal disease |
| | 404.xx | | | Hypertensive heart and renal disease |
| Dyslipidemia^b | 272.xx | | | |
| Diabetes mellitus^c | 250.xx | | | |
| Osteoporosis | 733.0x | | | |

CABG indicates coronary artery bypass graft; CHF, congestive heart failure; CPT, Current Procedural Terminology; ICD-9-CM International Classification of Diseases, Ninth Revision, Clinical Modification.

^aAnd medications classified as beta-blockers, calcium channel blockers, angiotensin receptor inhibitors, angiotensin II receptor antagonists, alpha-blockers, vasodilators, other antihypertensive agents, or diuretics.

^bOr medications listed as antihyperlipidemic agents.

^cOr medications classified as antidiabetic agents.