### \*\*APPENDIX 1: PRIMARY DIAGNOSIS CODES

040	Mild cognitive	impairment	(MCD.	not oth	erwise	specified

- 041 MCI single domain amnestic
- 042 MCI multiple domain with amnesia
- 043 MCI single domain nonamnestic
- 044 MCI multiple domain nonamnestic
- 045 Impaired, but not MCI
- 050 Alzheimer's disease dementia
- 070 Dementia with Lewy bodies
- 080 Vascular cognitive impairment or dementia
- 100 Impairment due to alcohol abuse
- 110 Dementia of undetermined etiology
- 120 Behavioral variant frontotemporal dementia
- 130 Primary progressive aphasia, semantic variant
- 131 Primary progressive aphasia, nonfluent/agrammatic variant
- 132 Primary progressive aphasia, logopenic variant
- 133 Primary progressive aphasia, not otherwise specified
- 140 Clinical progressive supranuclear palsy
- 150 Clinical corticobasal syndrome/corticobasal degeneration
- 160 Huntington's disease
- 170 Clinical prion disease
- 180 Cognitive dysfunction from medications
- 190 Cognitive dysfunction from medical illness
- 200 Depression
- 210 Other major psychiatric illness
- 220 Down syndrome
- 230 Parkinson's disease
- 240 Stroke
- 250 Hydrocephalus
- 260 Traumatic brain injury
- 270 CNS neoplasm
- 280 Other
- 310 Amyotrophic lateral sclerosis
- 320 Multiple sclerosis
- 999 Specific diagnosis unknown (acceptable if method of evaluation is not by autopsy, examination, or dementia evaluation)

# Neuropathology diagnosis from autopsy

- 400 Alzheimer's disease neuropathology
- 410 Lewy body disease neuropathology
- 420 Gross infarct(s) neuropathology
- 421 Hemorrhage(s) neuropathology
- 422 Other cerebrovascular disease neuropathology
- 430 ALS/MND
- 431 FTLD with Tau pathology Pick's disease
- 432 FTLD with Tau pathology -- CBD
- 433 FTLD with Tau pathology PSP
- 434 FTLD with Tau pathology argyrophyllic grains
- 435 FTLD with Tau pathology other
- 436 FTLD with TDP-43
- 439 FTLD other (FTLD-FUS, FTLD-UPS, FTLD NOS)
- 440 Hippocampal sclerosis
- 450 Prion disease neuropathology
- 490 Other neuropathologic diagnosis not listed above

# \*\*\*APPENDIX 2: METHOD OF EVALUATION

### 1. Autopsy

If the autopsy was performed at an outside institution, you must have the report to code as diagnosis by autopsy.

### 2. Examination

The subject must have been examined in person at your ADC/ institution or by genetic studies staff associated with your ADC/ institution to code as diagnosis by examination. Medical records may or may not have been used when assigning diagnosis.

#### 3. Medical record review from formal dementia evaluation

Medical records should be from an examination that focused specifically on dementia; that was performed by a neurologist, geriatrician, or psychiatrist; and that includes a neurologic examination, an imaging study, and cognitive testing (e.g., MMSE, Blessed, or more formal tests). A telephone interview may also be used to collect additional information.

### Review of general medical records AND co-participant and/or subject telephone interview

General medical records can be of various types, including those from a primary-care physician's office, hospitalization records, nursing home records, etc. They may include a neurologic exam and a cognitive test such as the MMSE along with a medical history. The telephone interview with the subject and/or the coparticipant should include a medical history to capture the nature and presentation of cognitive deficits, if present, and age of onset if symptomatic. If the subject is normal or is in the early stages of cognitive impairment, brief formal cognitive testing should be included in the interview.

## 5. Review of general medical records ONLY

See definition No. 4 above. If general medical records are used to diagnose a subject as demented or not demented, they should include a medical history, neurologic exam, and a cognitive test such as an MMSE. In most cases, general medical records alone should not be used to assign a diagnosis of mild cognitive impairment, or of any of the FTLD spectrum subtypes, or of parkinsonian disorders other than Parkinson's disease.

# Subject and/or co-participant telephone interview See definition No. 4 above.

#### 7. Family report

Family report should be coded when the co-participant for the family reports a subject as having been diagnosed with a particular disorder. In most cases, family report alone should not be used to assign a diagnosis of mild cognitive impairment, or of any of the FTLD spectrum subtypes, or of parkinsonian disorders other than Parkinson's disease.