

FOLLOW-UP VISIT PACKET NACC UNIFORM DATA SET (UDS)

Form D1: Clinician Diagnosis

ADC name:	Subject ID: Form date:/
Visit #: Ex	aminer's initials:
	form is to be completed by the clinician. For additional clarification and examples, see UDS Coding to Visit Packet, Form D1. Check only <u>one</u> box per question.
Section 1 Cogn Section 2 Bior evid	ded into three main sections: nitive and behavioral status: Normal cognition / MCI / dementia and dementia syndrome markers, imaging, and genetics: Neurodegenerative imaging and CSF biomarkers, imaging ence for CVD, and known genetic mutations for AD and FTLD logical diagnoses: presumed etiological diagnoses for the cognitive disorder
1. Diagnosis method	— responses in this form are based on diagnosis by: ician
SECTION 1: Cogniti	ve and behavioral status
normal behavior (i	
 Interfere with a Represent a de Are not explain Include cognitic cognitive asses AND Impairment Impaired Impaired Impaired Impaired Impaired Impaired Impaired Impaired In the event 	ognitive or behavioral (neuropsychiatric) symptoms that meet all of the following criteria: ability to function as before at work or at usual activities? cline from previous levels of functioning? ed by delirium or major psychiatric disorder? we impairment detected and diagnosed through a combination of 1) history-taking and 2) objective sment (bedside or neuropsychological testing)? in one* or more of the following domains. ability to acquire and remember new information reasoning and handling of complex tasks, poor judgment visuospatial abilities language functions in personality, behavior, or comportment to fingle-domain impairment (e.g., language in PPA, behavior in bvFTD, posterior cortical subject must not fulfill criteria for MCI.
O No (SKIP TO	meet the criteria for dementia? QUESTION 5) UE TO QUESTION 4)

4.	If the subject meets c	riteria for dementia,	answer Que	estions 4a-4f	below and then S	KIP TO QUESTION 6.

Based entirely on the history and examination (including neuropsychological testing), what is the cognitive/behavioral syndrome? Select one or more as Present; all others will default to Absent in the NACC database.

De	ementia syndrome	Present
4a.	Amnestic multidomain dementia syndrome	
4b.	Posterior cortical atrophy syndrome (or primary visual presentation)	
4c.	Primary progressive aphasia (PPA) syndrome	
	4c1. ☐ 1 Meets criteria for semantic PPA	
	☐ 2 Meets criteria for logopenic PPA	
	☐ 3 Meets criteria for nonfluent/agrammatic PPA	
	☐ 4 PPA other/not otherwise specified	
4d.	Behavioral variant FTD (bvFTD) syndrome	
4e.	Lewy body dementia syndrome	□ 1
4f.	Non-amnestic multidomain dementia, not PCA, PPA, bvFTD, or DLB syndrome	□ 1

5. If the subject does not have normal cognition or behavior and is not clinically demented, indicate the type of cognitive impairment below.

MCI CORE CLINICAL CRITERIA

- Is the subject, the co-participant, or a clinician concerned about a change in cognition compared to the subject's previous level?
- Is there impairment in one or more cognitive domains (memory, language, executive function, attention, and visuospatial skills)?
- Is there largely preserved independence in functional abilities (no change from prior manner of functioning or uses minimal aids or assistance)?

Select one syndrome from 5a-5e as being Present (all others will default to Absent in the NACC database), and then **CONTINUE TO QUESTION 6**. If you select MCI below, it should meet the MCI core clinical criteria outlined above.

Туре	Present	Affected domains	No	Yes
5a. Amnestic MCI, single domain (aMCI SD)	□ 1			
5b. Amnestic MCI, multiple domains (aMCI MD)		CHECK YES for at least one additional domain (besides memory):		
		5b1. Language	О	\Box_1
		5b2. Attention	О	\square_1
		5b3. Executive	О	\square_1
		5b4. Visuospatial	О	\Box 1

Select one syndrome from 5a-5e as being Present (all others will default to Absent in the NACC database), and then **CONTINUE TO QUESTION 6**. If you select MCI below, it should meet the MCI core clinical criteria outlined above.

Туре	Present	Affected domains	No	Yes
5c. Non-amnestic MCI, single domain (naMCI SD)	□ 1	CHECK YES to indicate the affected domain:		
		5c1. Language	□o	\square_1
		5c2. Attention	□o	
		5c3. Executive	□ o	□ ₁
		5c4. Visuospatial	О	
5d. Non-amnestic MCI, multiple domains (naMCI MD)		CHECK YES for at least two domains:		
domains (name) mb/		5d1. Language	□ o	
		5d2. Attention	□о	
		5d3. Executive	□о	
		5d4. Visuospatial	□o	\square_1
5e. Cognitively impaired, not MCI	□ 1			

SECTION 2: Biomarkers, imaging, and genetics

Section 2 must be completed for all subjects.

6. Indicate neurodegenerative biomarker status, using local standards for positivity.

Bio	Biomarker findings		Yes	Unknown/ not assessed
6a.	Abnormally elevated amyloid on PET	□о		□8
6b.	Abnormally low amyloid in CSF	□о		□8
6c.	FDG-PET pattern of AD	□о		□8
6d.	Hippocampal atrophy	□о		□8
6e.	Tau PET evidence for AD	□о		□8
6f.	Abnormally elevated CSF tau or ptau	О		□8
6g.	FDG-PET evidence for frontal or anterior temporal hypometabolism for FTLD	О		□8
6h.	Tau PET evidence for FTLD	О		□8
6i.	Structural MR evidence for frontal or anterior temporal atrophy for FTLD	О		□8
6j.	Dopamine transporter scan (DATscan) evidence for Lewy body disease	О		□8
6k.	Other (SPECIFY):	□о		

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Subject ID:	Form date: / /	Visit #:

Imaging f	indings		No	Yes	Unknown/ not assessed
7a. Large	e vessel infarct(s)		ОО	□ 1	□8
7b. Lacu	nar infarct(s)		□o	□ 1	□8
7c. Macr	ohemorrhage(s)		Оо	\square_1	□8
7d. Micro	phemorrhage(s)		Оо		□8
7e. Mode	erate white-matter hyperintensity (CHS score 5-6)		Оо	□ 1	□8
7f. Exte	nsive white-matter hyperintensity (CHS score 7–8+)		О	□ ₁	□8
□o N	he subject have a hereditary mutation other than an AD o	or FTLD muta	ition?	_	vn/not asses
ION 3. Et	iologic diagnoses				
n diagnosis gment. Sele uld be selec	t be filled out for all subjects. Indicate presumptive etiologics is a primary, contributing, or non-contributing cause of the ect one or more diagnoses as Present; all others will default to ted as 1 = Primary.	e observed im o Absent in th	ipairment, k ne NACC da	based on the tabase. Only o	clinician's be one diagnosis
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☐ 3 Other (SPECIFY): _

☐9 Unknown

SECTION 3: Etiologic diagnoses (cont.)

Section 3 must be filled out for all subjects. Indicate presumptive etiologic diagnoses of the cognitive disorder and whether a given diagnosis is a primary, contributing, or non-contributing cause of the observed impairment, based on the clinician's best judgment. Select one or more diagnoses as Present; all others will default to Absent in the NACC database. Only one diagnosis should be selected as 1=Primary.

For subjects with normal cognition: Indicate the presence of any diagnoses by selecting 1=Present, and leave the questions on whether the diagnosis was primary, contributing, or non-contributing blank. Subjects with positive biomarkers but no clinical symptoms of Alzheimer's disease, Lewy body disease, or frontotemporal lobar degeneration should not have these diagnoses selected as Present. Instead, the biomarker data from Section 2 can be used to identify the presence of preclinical disease.

Etiolo	gic diag	noses	Present	Primary	Contributing	Non- contributing
15.	eviden	ificant vascular brain injury is absent, SKIP TO		15a 🗌 1	☐ 2	_3
	15b. 15c.	Previous symptomatic stroke? O No (SKIP TO QUESTION 15c) 1 Yes 15b1. Temporal relationship between stroke and cognitive decline? O No 1 Yes 15b2. Confirmation of stroke by neuroimaging? O No 1 Yes 9 Unknown; no relevant imaging data available Is there imaging evidence of cystic infarction in cognitive network(s)? O No 1 Yes 9 Unknown; no relevant imaging data available Is there imaging evidence of cystic infarction, imaging evidence of extensive white matter hyperintensity (CHS grade 7–8+), and impairment in executive function? O No 1 Yes 9 Unknown; no relevant imaging data available				
16.	Essent	tial tremor		16a 🗆 1	□ ₂	Пз
17.	Down	syndrome		17a 🔲 1	□ ₂	Пз
18.	Huntir	ngton's disease		18a 🗆 1	□ ₂	Пз
19.	Prion	disease (CJD, other)	□ 1	19a 🗆 1	□ ₂	Пз

Etiolo	Etiologic diagnoses		Primary	Contributing	Non- contributing
20.	Traumatic brain injury 20b. If Present, does the subject have symptoms consistent with chronic traumatic encephalopathy? □ 0 No □ 1 Yes □ 9 Unknown	□1	20a 🗆 1	□ ₂	3
21.	Normal-pressure hydrocephalus		21a 🗌 1	□ ₂	□3
22.	Epilepsy		22a 🗌 1	□ 2	□ 3
23.	CNS neoplasm 23b. □1 Benign □2 Malignant		23a 🗌 1	☐2	Пз
24.	Human immunodeficiency virus (HIV)		24a 🗌 1	□2	□3
25.	Cognitive impairment due to other neurologic, genetic, or infectious conditions not listed above 25 b. If Present, specify:		25a 🗌 1	□ ₂	З

Section 3 must be filled out for all subjects. Indicate presumptive etiologic diagnoses of the cognitive disorder and whether a given diagnosis is a primary, contributing, or non-contributing cause of the observed impairment, based on the clinician's best judgment. Select one or more diagnoses as Present; all others will default to Absent in the NACC database. Only one diagnosis should be selected as 1= Primary.

For subjects with normal cognition: Indicate the presence of any diagnoses by selecting 1=Present, and leave the questions on whether the diagnosis was primary, contributing, or non-contributing blank. Subjects with positive biomarkers but no clinical symptoms of Alzheimer's disease, Lewy body disease, or frontotemporal lobar degeneration should not have these diagnoses selected as Present. Instead, the biomarker data from Section 2 can be used to identify the presence of preclinical disease.

Condi	ition	Present	Primary	Contributing	Non- contributing
26.	Active depression 26b. If Present, select one: 0 Untreated 1 Treated with medication and/or counseling	□ 1	26a 🗌 1	☐ 2	□ 3
27.	Bipolar disorder	□ 1	27a 🗌 1	☐ 2	Пз
28.	Schizophrenia or other psychosis	□ 1	28a 🗌 1	☐ 2	Пз
29.	Anxiety disorder		29a 🗌 1	□ ₂	Пз
30.	Delirium		30a 🗌 1	□ ₂	Пз
31.	Post-traumatic stress disorder (PTSD)		31a 🗌 1	□ ₂	Пз
32.	Other psychiatric disease 32b. If Present, specify:	□ 1	32a 🗌 1	□ ₂	Пз

Subject ID: _____ Form date: ___/ ___ __

33.	Cognitive impairment due to alcohol abuse 33b. Current alcohol abuse: 0 No 1 Yes 9 Unknown		33a 🗌 1	□ ₂	Пз
34.	Cognitive impairment due to other substance abuse		34a 🔲 1	□ 2	Пз
35.	Cognitive impairment due to systemic disease/ medical illness (as indicated on Form D2)	□ 1	35a 🗌 1	□ 2	Пз
36.	Cognitive impairment due to medications		36a 🗌 1	□ 2	Пз
37.	Cognitive impairment NOS 37b. If Present, specify:	1	37a 🗌 1	□ ₂	□3
38.	Cognitive impairment NOS 38b. If Present, specify:	_ 1	38a 🗌 1	☐ 2	Пз
39.	Cognitive impairment NOS 39b. If Present, specify:	_ 1	39a 🗌 1	□ ₂	<u></u> 3

Visit #: _____