

1Florida ADRC

NACC UDS Data Pre-Certification Report

As of 06/07/18

Table 1: Enrollment

	n	%
Subjects with ADC IDs		
Being actively followed	263	90%
Initial evaluation only	1	<1%
Deceased	14	5%
Discontinued	13	4%
Minimal contact	2	<1%
Total	293	100%
Autopsies performed	11	79%
NP form received	11	
FTLD module subjects*	0	
Affiliated study subjects	0	
Transferred subjects	23	

* Excludes Affiliated subjects.

Table 2: Race and Ethnicity

	n	%	% Hispanic
Subjects with ADC IDs			
White	280	96%	56%
Black/African American	7	2%	<1%
Am. Indian/Alaskan Native	0	0%	0%
Hawaiian/Pacific Islander	0	0%	0%
Asian	1	<1%	0%
Other	4	1%	<1%
Unknown	1	<1%	<1%
Total	293	100%	57%
Hispanic	168		

Table 3: Most recent cognitive status

	n
Normal	46
Impaired, not MCI	33
MCI	143
Dementia	71
Total	293

Table 8: UDS 3 most recent primary etiologic diagnosis by dementia syndrome

Primary etiologic diagnosis	Subjects* (n)	Amnesic multidomain dementia syndrome	Posterior cortical atrophy syndrome	Primary progressive aphasia syndrome	Behavioral variant FTD syndrome	Lewy body dementia syndrome	Non-amnesic multidomain dementia syndrome
Alzheimer's disease	51	50	0	1	0	3	0
Lewy body disease	1	1	0	0	0	1	0
PSP/CBD/FTLD w/ motor neuron disease	1	1	0	0	0	0	0
FTLD, other	3	3	0	0	1	0	0
Vascular brain injury	3	3	0	0	0	0	0
Other	11	11	0	0	0	0	0
Total	70	69	0	1	1	4	0

* Unique number of Subjects per primary etiologic diagnosis. Subjects can have more than 1 dementia syndrome.

Table 4: Time to finalization

	Finalized < 6 months ago: median days	Finalized 6+ months ago: median days
This Center	251	238
All Centers	125	94

Table 5: UDS 3 Forms C1 and C2

Packet	Total V3 Forms	Form C1	Form C2
Initial	270	114	156
Follow-up	133	38	95
Telephone	0	0	0
Total	403	152	251

Table 6: Packets with errors or unverified alerts

Packet	submitted <6mos		submitted ≥6mos	
	n	Packets in error	n	Packets in error
Initial	160	42	152	0
Follow-up	111	47	25	0
Telephone	0	0	0	0
Total	271	89	177	0

Table 7: Missed visit rate by initial visit year

Initial Visit year	n	F ₁	F ₂	F ₃	F ₄	F ₅
2015	9	22%	29%	--	--	--
2016	139	52%	0%	--	--	--

This table shows the percent of visits missed at each follow-up visit window for the total number of subjects enrolled each year.

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Table 9: Cumulative missed visit rate

	Visit		
	IV	F ₁	F ₂
Expected (n)	--	137	17
Completed (n)	260	74	15
In-person (n)	260	74	15
Telephone (n)	--	0	0
Missed (%)	--	46%	12%

IV = Initial visit; F_i = ith follow-up visit

Table 10: UDS 3 Form C2 neuropsychological tests at the most recent visit

	Normal			MCI			Demented			Impaired, not MCI		
	n	mean	SD	n	mean	SD	n	mean	SD	n	mean	SD
MoCA	35	25	3.1	87	21	3.5	35	14	6.4	24	24	2.8
MINT	35	28	2.9	88	26	4.9	32	22	7.9	24	28	3.8
Craft verbatim(immed)	34	23	6.1	88	17	7.1	32	9	5.9	24	21	6.7
Craft paraphrase(immed)	34	17	3.7	88	13	4.2	32	7	4.2	24	16	4.7
Craft verbatim(delayed)	34	20	6.6	88	12	6.3	32	4	5.6	24	19	6.0
Craft paraphrase(delayed)	34	16	3.8	88	10	4.7	32	3	4.4	24	15	4.3
Benson fig.(immed)	35	15	1.3	88	14	1.3	33	12	4.9	24	15	1.7
Benson fig.(delayed)	35	11	3.0	88	7	4.1	33	3	3.7	24	10	3.2
Number Span (forward)	35	7	2.1	88	7	2.6	34	6	2.3	24	7	2.7
Number Span (backward)	35	7	2.0	88	6	2.0	33	4	2.1	24	6	1.8
Animals	35	20	5.0	88	16	5.9	32	12	5.5	24	19	4.9
Vegetables	35	13	4.1	88	9	4.3	32	5	3.9	24	11	3.5
Trail Making A	35	31	9.5	87	46	20.7	31	85	41.8	24	40	14.2
Trail Making B	35	81	45.7	85	133	72.5	26	230	86.5	24	109	53.7
Verbal Fluency:F-words	35	14	4.4	86	11	4.2	32	9	5.6	23	14	5.1
Verbal Fluency:L-words	35	13	3.9	86	11	4.1	32	9	5.0	23	14	4.6

Table 11: UDS Form C1 neuropsychological tests at the most recent visit

	Normal			MCI			Demented			Impaired, not MCI		
	n	mean	SD	n	mean	SD	n	mean	SD	n	mean	SD
MMSE	28	29	0.7	67	27	2.6	27	18	7.7	12	28	1.5
Benson fig. (immed)*	6	15	1.5	13	14	1.3	5	13	0.5	3	16	1.0
Benson fig. (delayed)*	7	10	2.6	13	8	3.4	5	2	4.8	3	11	1.0
Digit Span (forward)	29	7	2.4	67	6	1.9	26	5	2.9	12	6	2.3
Digit Span (backward)	29	6	2.1	67	4	1.8	26	3	1.9	12	5	1.4
Animals	29	21	5.9	67	16	4.7	26	10	5.7	12	18	4.1
Vegetables	29	15	4.5	67	10	3.5	26	6	4.2	12	11	5.0
Logical Mem.(immed)	29	13	3.5	67	9	3.7	26	3	2.6	12	12	4.8
Logical Mem.(delayed)	29	12	3.8	67	7	3.8	26	1	2.2	12	10	4.2
Boston	29	28	1.5	67	24	4.1	25	18	7.9	12	27	1.3
Trail Making A	28	35	11.5	67	64	30.2	24	99	42.0	12	53	15.9
Trail Making B	27	77	32.6	62	181	87.9	17	266	59.3	11	138	69.4
Verbal Fluency:F-words*	6	15	5.9	13	11	4.6	6	7	3.9	3	13	4.0
Verbal Fluency:L-words*	6	12	4.4	13	8	4.4	6	7	2.9	3	10	2.3
WAIS-R Digit Symbol	22	44	10.9	54	31	11.1	18	19	14.3	9	37	9.4

* New neuropsychological test on Form C1 version 3.

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Table 12: Form D1 biomarker findings at most recent visit

	Abnormally elevated amyloid on PET	Tau PET evidence for AD	Abnormally Low amyloid in CSF	Abnormally elevated CSF tau/ptau
Yes	85	3	4	3
No	141	1	1	1
Unknown/ not assessed	66	288	287	288
Total	292	292	292	292

Table 13: CSF assay data stored at NACC

CSF biomarkers	Subjects (n)
A-beta	0
P-tau	0
T-tau	0

Table 14: Imaging stored at NACC

Imaging type	Subjects (n)
Structural MRI	156
Amyloid PET	151