Form C2: Neuropsychological Battery Scores

ADRC: _____ PTID: _____ Form date: __ __ / __ __ / __ __ __ __ Visit #: _____ Examiner's initials: _____

Language:	Mode:	Key (remote reason):
☐ 1 English	☐ 1 In-person	*1=Too cognitively impaired*
☐ 2 Spanish	☐ 2 Remote *(reason):* ___	*2=Too physically impaired*
	☐ 2 Video	*3=Homebound or nursing home*
		4=Refused in-person visit
		5=Other

***INSTRUCTIONS**: This form is to be completed by ADRC or clinic staff. For test administration and scoring, see Instructions for Neuropsychological Battery, Form C2.*

KEY: If the participant cannot complete any of the following exams, please give the reason by entering one of the following codes:
95 / 995 = Physical problem 96 / 996 = Cognitive/behavior problem 97 / 997 = Other problem 98 / 998 = Verbal refusal

Section 1 — Montreal Cognitive Assessment (MoCA)

1a.	Was any part of the MoCA administered?	☐ 0 No *(If No, enter reason code, 95 – 98)*: ___ ___ **(SKIP TO QUESTION 2A)** ☐ 1 Yes **(CONTINUE WITH QUESTION 1B)**
1b.	MoCA was administered:	☐ 1 In ADRC or clinic ☐ 2 In home ☐ 3 In person — other
1c.	Language of MoCA administration:	☐ 1 English ☐ 2 Spanish ☐ 3 Other **(SPECIFY):** _____
1d.	Participant was unable to complete one or more sections due to visual impairment:	☐ 0 No ☐ 1 Yes
1e.	Participant was unable to complete one or more sections due to hearing impairment:	☐ 0 No ☐ 1 Yes
1f.	Total Raw Score — Uncorrected (Not corrected for education or visual/hearing impairment) *(Enter 88 if any of the following MoCA items were not administered: 1g – 1l, 1n – 1t, 1w – 1bb)*	___ ___ (0–30, 88)
1g.	Visuospatial/executive — Trails	___ ___ (0–1, 95-98)
1h.	Visuospatial/executive — Cube	___ ___ (0–1, 95-98)
1i.	Visuospatial/executive — Clock contour	___ ___ (0–1, 95-98)
1j.	Visuospatial/executive — Clock numbers	___ ___ (0–1, 95-98)
1k.	Visuospatial/executive — Clock hands	___ ___ (0–1, 95-98)
1l.	Language — Naming	___ ___ (0–3, 95-98)
1m.	Memory — Registration (two trials)	___ ___ (0–10, 95-98)
1n.	Attention — Digits	___ ___ (0–2, 95-98)
1o.	Attention — Letter A	___ ___ (0–1, 95-98)
1p.	Attention — Serial 7s	___ ___ (0–3, 95-98)
1q.	Language — Repetition	___ ___ (0–2, 95-98)
1r.	Language — Fluency	___ ___ (0–1, 95-98)
1s.	Abstraction	___ ___ (0–2, 95-98)
1t.	Delayed recall — No cue	___ ___ (0–5, 95-98)
1u.	Delayed recall — Category cue	___ ___ (0–5; 88=Not applicable)
1v.	Delayed recall — Recognition	___ ___ (0–5; 88=Not applicable)
1w.	Orientation — Date	___ ___ (0–1, 95-98)
1x.	Orientation — Month	___ ___ (0–1, 95-98)
1y.	Orientation — Year	___ ___ (0–1, 95-98)
1z.	Orientation — Day	___ ___ (0–1, 95-98)
1aa.	Orientation — Place	___ ___ (0–1, 95-98)
1bb.	Orientation — City	___ ___ (0–1, 95-98)

Section 2 — Administration of the remainder of the battery

2a.	The tests following the MoCA were administered: ☐ 1 In ADRC or clinic ☐ 2 In home ☐ 3 In person — other	
2b.	Language of test administration: ☐ 1 English ☐ 2 Spanish ☐ 3 Other (SPECIFY): _____	

Section 3 — Craft Story 21 Recall (Immediate)

3a.	Total story units recalled, verbatim scoring *(If test not completed, enter reason code, 95–98, and* **SKIP TO QUESTION 4a.***)*	___ ___ (0–44, 95-98)
3b.	Total story units recalled, paraphrase scoring	___ ___ (0–25)

Section 4 — Benson Complex Figure Copy

4a.	Total score for copy of Benson figure *(If test not completed, enter reason code, 95–98)*	___ ___ (0–17, 95-98)

Section 5 — Number Span Test: Forward

5a.	Number of correct trials *(If test not completed, enter reason code, 95–98, and* **SKIP TO QUESTION 6a.***)*	___ ___ (0–14, 95-98)
5b.	Longest span forward	___ ___ (0, 3-9)

Section 6 — Number Span Test: Backward

6a.	Number of correct trials *(If test not completed, enter reason code, 95–98, and* **SKIP TO QUESTION 7a.***)*	___ ___ (0–14, 95-98)
6b.	Longest span backward	___ ___ (0, 2-8)

Section 7 — Category Fluency

7a.	Animals: Total number of animals named in 60 seconds *(If test not completed, enter reason code, 95–98)*	___ ___ (0–77, 95-98)
7b.	Vegetables: Total number of vegetables named in 60 seconds *(If test not completed, enter reason code, 95–98)*	___ ___ (0–77, 95-98)

Section 8 — Trail Making Test

8a.	PART A: Total number of seconds to complete (if not finished by 150 seconds, enter 150) *(If test not completed, enter reason code, 995–998, and* **SKIP TO QUESTION 8b.***)*	___ ___ ___ (0–150, 995-998)
	8a1. Number of commission errors	___ ___ (0–40)
	8a2. Number of correct lines	___ ___ (0–24)
8b.	PART B: Total number of seconds to complete (if not finished by 300 seconds, enter 300) *(If test not completed, enter reason code, 995–998, and* **SKIP TO QUESTION 9a.***)*	___ ___ ___ (0–300, 995-998)
	8b1. Number of commission errors	___ ___ (0–40)
	8b2. Number of correct lines	___ ___ (0–24)

Section 9 — Benson Complex Figure Recall

9a.	Total score for drawing of Benson figure following 10- to 15-minute delay *(If test not completed, enter reason code, 95–98, and* **SKIP TO QUESTION 10a.***)*	___ ___ (0–17, 95-98)
9b.	Recognized original stimulus from among four options?	☐ 0 No ☐ 1 Yes

Section 10 — Craft Story 21 Recall (Delayed)

10a.	Total story units recalled, verbatim scoring *(If test not completed, enter reason code, 95–98, and* **SKIP TO QUESTION 11a.***)*	___ ___ (0–44, 95-98)
10b.	Total story units recalled, paraphrase scoring	___ ___ (0–25)
10c.	Delay time (minutes) *(99=Unknown)*	___ ___ (0–85 minutes)
10d.	Cue ("boy") needed	☐ 0 No ☐ 1 Yes

Section 11 — Verbal Fluency: Phonemic Test

11a.	Number of correct F-words generated in 1 minute *(If test not completed, enter reason code, 95–98, and* **SKIP TO QUESTION 11d.***)*	___ ___ (0–40, 95-98)
11b.	Number of F-words repeated in 1 minute	___ ___ (0–15)
11c.	Number of non-F-words and rule violation errors in 1 minute	___ ___ (0–15)
11d.	Number of correct L-words generated in 1 minute *(If test not completed, enter reason code, 95–98, and* **SKIP TO QUESTION 12.***)*	___ ___ (0–40, 95-98)
11e.	Number of L-words repeated in one minute	___ ___ (0–15)
11f.	Number of non-L-words and rule violation errors in 1 minute	___ ___ (0–15)
11g.	TOTAL number of correct F-words and L-words	___ ___ (0–80)
11h.	TOTAL number of F-word and L-word repetition errors	___ ___ (0–30)
11i.	TOTAL number of non-F/L words and rule violation errors	___ ___ (0–30)

12. Which verbal learning test was administered? ☐ 1 Rey AVLT **(COMPLETE SECTIONS 12 & 13, SKIP SECTIONS 14 & 15)** ☐ 2 CERAD **(SKIP TO SECTION 14)**

Section 12 — Rey Auditory Verbal Learning (Immediate)

Total number of words correctly recalled and number of intrusions. (If test was not completed, enter reason code, 95-98. **SKIP TO QUESTION 16a**.)

Trial	Total recall	# of intrusions
Trial 1	12a. ___ ___ (0–15, 95-98)	12b. ___ ___ (No limit)
Trial 2	12c. ___ ___ (0–15, 95-98)	12d. ___ ___ (No limit)
Trial 3	12e. ___ ___ (0–15, 95-98)	12f. ___ ___ (No limit)
Trial 4	12g. ___ ___ (0–15, 95-98)	12h. ___ ___ (No limit)
Trial 5	12i. ___ ___ (0–15, 95-98)	12j. ___ ___ (No limit)
List B	12k. ___ ___ (0–15, 95-98)	12l. ___ ___ (No limit)
Trial 6	12m. ___ ___ (0–15, 95-98)	12n. ___ ___ (No limit)

Section 13 — Rey Auditory Verbal Learning (Delayed Recall and Recognition)

13a.	Total delayed recall *(If test was not completed, enter reason code, 95-98.* **SKIP TO QUESTION 16a**.*)*	___ ___ (0–15, 95-98)
13b.	Intrusions	___ ___ (No limit)
13c.	Delay time (minutes) *(99=Unknown)*	___ ___ (0–85 minutes)
13d.	Method of recognition test administration	☐ 1 List shown ☐ 2 List read
13e.	Recognition — Total correct	___ ___ (0–15, 95-98)
13f.	Recognition — Total false positive	___ ___ (0–15, 95-98)

Section 14 — CERAD Verbal Learning (Immediate)

14. J4 Word List Memory Task: Total number of words correctly recalled and number of intrusions

Trial	Total recall	Can't read	# of intrusions
Trial 1	14a. ___ ___ (0–10, 95-98) *(If test was not completed, enter reason code, 95-98.* **SKIP TO QUESTION 16a.***)*	14b. ___ ___ (0–10)	14c. ___ ___ (No limit)
Trial 2	14d. ___ ___ (0–10)	14e. ___ ___ (0–10)	14f. ___ ___ (No limit)
Trial 3	14g. ___ ___ (0–10)	14h. ___ ___ (0–10)	14i. ___ ___ (No limit)

Section 15 — CERAD Verbal Learning (Delayed Recall and Recognition)

15a.	Delay time (minutes) *(99=Unknown)*	___ ___ (0–85 minutes)
15b.	J6 Word List Recall: Total number of words correctly recalled *(If test not completed, enter reason code, 95-98, and* **SKIP TO QUESTION 15d.***)*	___ ___ (0–10, 95-98)
15c.	J6 Word List Recall: Total number of intrusions	___ ___ (No limit)
15d.	J7 Word List Recognition: Total YES correct *(If test not completed, enter reason code, 95-98, and* **SKIP TO QUESTION 16a.***)*	___ ___ (0–10, 95-98)
15e.	J7 Word List Recognition: Total NO correct	___ ___ (0–10, 95-98)

Section 16 — Multilingual Naming Test (MINT)

16a.	Total score *(If test not completed, enter reason code, 95–98, and* **SKIP TO QUESTION 17a***)*	___ ___ (0–32, 95-98)
16b.	Total correct without semantic cue	___ ___ (0–32)
16c.	Semantic cues: Number given	___ ___ (0–32)
16d.	Semantic cues: Number correct with cue *(88 = Not applicable)*	___ ___ (0–32, 88)
16e.	Phonemic cues: Number given	___ ___ (0–32)
16f.	Phonemic cues: Number correct with cue *(88 = Not applicable)*	___ ___ (0–32, 88)

Section 17 — Overall appraisal

17a. Per the clinician (e.g., neuropsychologist, behavioral neurologist, or other suitably qualified clinician), based on the UDS neuropsychological examination, the participant's cognitive status is deemed:

- ☐ 1 Better than normal for age
- ☐ 2 Normal for age
- ☐ 3 One or two test scores are abnormal
- ☐ 4 Three or more scores are abnormal or lower than expected
- ☐ 0 Clinician unable to render opinion

Section 18 — Validity of participant's response

Please record your impression of whether hearing or other factors significantly influenced test results. It can be difficult to judge, but it is helpful in adjudication and data analysis to know that such an influence may have been present.

18a. How valid do you think the participant's responses are?

- ☐ 1 Very valid, probably accurate indication of participant's cognitive abilities **(END FORM HERE)**
- ☐ 2 Questionably valid, possibly inaccurate indication of participant's cognitive abilities
- ☐ 3 Invalid, probably inaccurate indication of participant's cognitive abilities

18b. What makes this participant's responses less valid?

(Check all that apply)

- **18b1.** ☐ 1 Hearing impairment
- **18b2.** ☐ 1 Distractions
- **18b3.** ☐ 1 Interruptions
- **18b4.** ☐ 1 Lack of effort or disinterest
- **18b5.** ☐ 1 Fatigue
- **18b6.** ☐ 1 Emotional issues
- **18b7.** ☐ 1 Unapproved assistance
- **18b8.** ☐ 1 Other **(SPECIFY):** _____