

1. WORD RECALL TASK

Word Recalled?	Trial 1		Word Recalled?	Trial 2		Word Recalled?	Trial 3	
	Yes (1)	No (2)		Yes (1)	No (2)		Yes (1)	No (2)
Butter (Word 1)	<input type="checkbox"/>	<input type="checkbox"/>	Pole (Word 11)	<input type="checkbox"/>	<input type="checkbox"/>	Shore (Word 21)	<input type="checkbox"/>	<input type="checkbox"/>
Arm (Word 2)	<input type="checkbox"/>	<input type="checkbox"/>	Letter (Word 12)	<input type="checkbox"/>	<input type="checkbox"/>	Letter (Word 22)	<input type="checkbox"/>	<input type="checkbox"/>
Shore (Word 3)	<input type="checkbox"/>	<input type="checkbox"/>	Butter (Word 13)	<input type="checkbox"/>	<input type="checkbox"/>	Arm (Word 23)	<input type="checkbox"/>	<input type="checkbox"/>
Letter (Word 4)	<input type="checkbox"/>	<input type="checkbox"/>	Queen (Word 14)	<input type="checkbox"/>	<input type="checkbox"/>	Cabin (Word 24)	<input type="checkbox"/>	<input type="checkbox"/>
Queen (Word 5)	<input type="checkbox"/>	<input type="checkbox"/>	Arm (Word 15)	<input type="checkbox"/>	<input type="checkbox"/>	Pole (Word 25)	<input type="checkbox"/>	<input type="checkbox"/>
Cabin (Word 6)	<input type="checkbox"/>	<input type="checkbox"/>	Shore (Word 16)	<input type="checkbox"/>	<input type="checkbox"/>	Ticket (Word 26)	<input type="checkbox"/>	<input type="checkbox"/>
Pole (Word 7)	<input type="checkbox"/>	<input type="checkbox"/>	Grass (Word 17)	<input type="checkbox"/>	<input type="checkbox"/>	Engine (Word 27)	<input type="checkbox"/>	<input type="checkbox"/>
Ticket (Word 8)	<input type="checkbox"/>	<input type="checkbox"/>	Cabin (Word 18)	<input type="checkbox"/>	<input type="checkbox"/>	Grass (Word 28)	<input type="checkbox"/>	<input type="checkbox"/>
Grass (Word 9)	<input type="checkbox"/>	<input type="checkbox"/>	Ticket (Word 19)	<input type="checkbox"/>	<input type="checkbox"/>	Butter (Word 29)	<input type="checkbox"/>	<input type="checkbox"/>
Engine (Word 10)	<input type="checkbox"/>	<input type="checkbox"/>	Engine (Word 20)	<input type="checkbox"/>	<input type="checkbox"/>	Queen (Word 30)	<input type="checkbox"/>	<input type="checkbox"/>

If any task not administered or not completed, check one:

- (1) Participant refused
- (2) Participant unable for physical reasons
- (3) Participant unable for cognitive reasons
- (4) Not done (for reasons other than physical/cognitive)

QSDTC

Time Ended: :
(24 hour clock)

Used with permission from the NIA Alzheimer's Disease Cooperative Study (NIA Grant AG10483).

ALZHEIMER'S DISEASE ASSESSMENT SCALE ADAS - COG (Modified) (85 point):

2. NAMING TASK

A. The subject is asked to name 12 randomly presented real objects.

Object <5>	Clues <5>	Response Correct?	
		Yes (1)	No (2)
Flower (Object 1)	grows in garden	<input type="checkbox"/>	<input type="checkbox"/>
Bed (Object 2)	used for sleeping	<input type="checkbox"/>	<input type="checkbox"/>
Whistle (Object 3)	makes a sound when you blow on it	<input type="checkbox"/>	<input type="checkbox"/>
Pencil (Object 4)	used for writing	<input type="checkbox"/>	<input type="checkbox"/>
Rattle (Object 5)	a baby's toy	<input type="checkbox"/>	<input type="checkbox"/>
Mask (Object 6)	hides your face	<input type="checkbox"/>	<input type="checkbox"/>
Scissors (Object 7)	cuts paper	<input type="checkbox"/>	<input type="checkbox"/>
Comb (Object 8)	used on hair	<input type="checkbox"/>	<input type="checkbox"/>
Wallet (Object 9)	holds your money	<input type="checkbox"/>	<input type="checkbox"/>
Harmonica (Object 10)	a musical instrument	<input type="checkbox"/>	<input type="checkbox"/>
Stethoscope (Object 11)	doctor uses it to listen to your heart	<input type="checkbox"/>	<input type="checkbox"/>
<6> Tongs (Object 12)	picks up food	<input type="checkbox"/>	<input type="checkbox"/>
<6> Tweezers (Object 12)	used for extracting or plucking things		

B. The subject is asked to name the fingers of his/her **dominant** hand.

	Response correct?	
Thumb	<input type="checkbox"/> (1) Yes	<input type="checkbox"/> (2) No
Index/forefinger/pointer	<input type="checkbox"/> (1) Yes	<input type="checkbox"/> (2) No
Middle	<input type="checkbox"/> (1) Yes	<input type="checkbox"/> (2) No
Ring	<input type="checkbox"/> (1) Yes	<input type="checkbox"/> (2) No
Pinky or little finger	<input type="checkbox"/> (1) Yes	<input type="checkbox"/> (2) No

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3. COMMANDS

Response correct?

- | | | |
|--|----------------------------------|---------------------------------|
| 1. "Make a <u>fist</u> ." | <input type="checkbox"/> (1) Yes | <input type="checkbox"/> (2) No |
| 2. "Point to the <u>ceiling</u> and then to the <u>floor</u> ." | <input type="checkbox"/> (1) Yes | <input type="checkbox"/> (2) No |
| 3. "Put the <u>pencil on top of the card</u> , then <u>put it back</u> ." | <input type="checkbox"/> (1) Yes | <input type="checkbox"/> (2) No |
| 4. "Put the <u>watch</u> on the other <u>side of the pencil</u>
and then <u>turn over the card</u> ." | <input type="checkbox"/> (1) Yes | <input type="checkbox"/> (2) No |
| 5. " <u>Tap each shoulder twice</u> with <u>two fingers</u> , keeping
your <u>eyes shut</u> ." | <input type="checkbox"/> (1) Yes | <input type="checkbox"/> (2) No |

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<2> Time Began: :
 (24 hour clock)

4. DELAYED WORD-RECALL TASK

Word	Word Recalled?	
	Yes (1)	No (2)
Butter (Word 1)	<input type="checkbox"/>	<input type="checkbox"/>
Arm (Word 2)	<input type="checkbox"/>	<input type="checkbox"/>
Shore (Word 3)	<input type="checkbox"/>	<input type="checkbox"/>
Letter (Word 4)	<input type="checkbox"/>	<input type="checkbox"/>
Queen (Word 5)	<input type="checkbox"/>	<input type="checkbox"/>
Cabin (Word 6)	<input type="checkbox"/>	<input type="checkbox"/>
Pole (Word 7)	<input type="checkbox"/>	<input type="checkbox"/>
Ticket (Word 8)	<input type="checkbox"/>	<input type="checkbox"/>
Grass (Word 9)	<input type="checkbox"/>	<input type="checkbox"/>
Engine (Word 10)	<input type="checkbox"/>	<input type="checkbox"/>

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ALZHEIMER'S DISEASE ASSESSMENT SCALE ADAS - COG (Modified) (85 point):

(Page 5 of 9)

5. CONSTRUCTIONAL PRAXIS **Drawn Correctly?**

	Yes (1)	No (2)
A. Circle.	<input type="checkbox"/>	<input type="checkbox"/>
B. Two overlapping rectangles.	<input type="checkbox"/>	<input type="checkbox"/>
C. Rhombus (Diamond).	<input type="checkbox"/>	<input type="checkbox"/>
D. Cube.	<input type="checkbox"/>	<input type="checkbox"/>

(1) Check box if the subject did not attempt to draw any forms ADCCP05

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6. IDEATIONAL PRAXIS **Action Correct?**

	Yes (1)	No (2)
Fold letter	<input type="checkbox"/>	<input type="checkbox"/>
Put letter in envelope	<input type="checkbox"/>	<input type="checkbox"/>
Seal envelope	<input type="checkbox"/>	<input type="checkbox"/>
Address envelope	<input type="checkbox"/>	<input type="checkbox"/>
Indicate where stamp goes	<input type="checkbox"/>	<input type="checkbox"/>

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7. ORIENTATION

Response Correct?

	Yes (1)	No (2)
Full name (First and Last Name)	<input type="checkbox"/>	<input type="checkbox"/>
Month (Current Month)	<input type="checkbox"/>	<input type="checkbox"/>
Date (Today's Date \pm 1 Day)	<input type="checkbox"/>	<input type="checkbox"/>
Year (Current Year)	<input type="checkbox"/>	<input type="checkbox"/>
Day (Current Day of the week)	<input type="checkbox"/>	<input type="checkbox"/>
Season (Current Season Or Within 1 Week Of Upcoming Season Or Within 2 Weeks Of Previous Season)	<input type="checkbox"/>	<input type="checkbox"/>
Place (Partial Or Full Name Of Site)	<input type="checkbox"/>	<input type="checkbox"/>
Time (\pm 1 Hour)	<input type="checkbox"/>	<input type="checkbox"/>

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ALZHEIMER'S DISEASE ASSESSMENT SCALE ADAS - COG (Modified) (85 point):

8. WORD-RECOGNITION TASK

Word List: <7>

TRIAL 1			TRIAL 2			TRIAL 3		
Subject's Response			Subject's Response			Subject's Response		
Word	"Yes" (1)	"No" (2)	Word	"Yes" (1)	"No" (2)	Word	"Yes" (1)	"No" (2)
Nurse (Word 1)	<input type="checkbox"/>	<input type="checkbox"/>	Board (Word 25)	<input type="checkbox"/>	<input type="checkbox"/>	Coin (Word 49)	<input type="checkbox"/>	<input type="checkbox"/>
Magazine (Word 2)	<input type="checkbox"/>	<input type="checkbox"/>	Turnip (Word 26)	<input type="checkbox"/>	<input type="checkbox"/>	Plank (Word 50)	<input type="checkbox"/>	<input type="checkbox"/>
Wizard (Word 3)	<input type="checkbox"/>	<input type="checkbox"/>	Gem (Word 27)	<input type="checkbox"/>	<input type="checkbox"/>	War (Word 51)	<input type="checkbox"/>	<input type="checkbox"/>
Van (Word 4)	<input type="checkbox"/>	<input type="checkbox"/>	Institution (Word 28)	<input type="checkbox"/>	<input type="checkbox"/>	Porch (Word 52)	<input type="checkbox"/>	<input type="checkbox"/>
Leopard (Word 5)	<input type="checkbox"/>	<input type="checkbox"/>	Coin (Word 29)	<input type="checkbox"/>	<input type="checkbox"/>	Toast (Word 53)	<input type="checkbox"/>	<input type="checkbox"/>
Sale (Word 6)	<input type="checkbox"/>	<input type="checkbox"/>	Master (Word 30)	<input type="checkbox"/>	<input type="checkbox"/>	Rope (Word 54)	<input type="checkbox"/>	<input type="checkbox"/>
Sea (Word 7)	<input type="checkbox"/>	<input type="checkbox"/>	Magazine (Word 31)	<input type="checkbox"/>	<input type="checkbox"/>	Anchor (Word 55)	<input type="checkbox"/>	<input type="checkbox"/>
Train (Word 8)	<input type="checkbox"/>	<input type="checkbox"/>	Van (Word 32)	<input type="checkbox"/>	<input type="checkbox"/>	Board (Word 56)	<input type="checkbox"/>	<input type="checkbox"/>
Coin (Word 9)	<input type="checkbox"/>	<input type="checkbox"/>	Anchor (Word 33)	<input type="checkbox"/>	<input type="checkbox"/>	Leopard (Word 57)	<input type="checkbox"/>	<input type="checkbox"/>
Ship (Word 10)	<input type="checkbox"/>	<input type="checkbox"/>	Lumber (Word 34)	<input type="checkbox"/>	<input type="checkbox"/>	Judge (Word 58)	<input type="checkbox"/>	<input type="checkbox"/>
Institution (Word 11)	<input type="checkbox"/>	<input type="checkbox"/>	Servant (Word 35)	<input type="checkbox"/>	<input type="checkbox"/>	Magazine (Word 59)	<input type="checkbox"/>	<input type="checkbox"/>
Map (Word 12)	<input type="checkbox"/>	<input type="checkbox"/>	Pond (Word 36)	<input type="checkbox"/>	<input type="checkbox"/>	Camp (Word 60)	<input type="checkbox"/>	<input type="checkbox"/>
Axe (Word 13)	<input type="checkbox"/>	<input type="checkbox"/>	Military (Word 37)	<input type="checkbox"/>	<input type="checkbox"/>	Sea (Word 61)	<input type="checkbox"/>	<input type="checkbox"/>
Board (Word 14)	<input type="checkbox"/>	<input type="checkbox"/>	Hospital (Word 38)	<input type="checkbox"/>	<input type="checkbox"/>	Institution (Word 62)	<input type="checkbox"/>	<input type="checkbox"/>
Carrot (Word 15)	<input type="checkbox"/>	<input type="checkbox"/>	Sea (Word 39)	<input type="checkbox"/>	<input type="checkbox"/>	Tack (Word 63)	<input type="checkbox"/>	<input type="checkbox"/>
Milk (Word 16)	<input type="checkbox"/>	<input type="checkbox"/>	Jungle (Word 40)	<input type="checkbox"/>	<input type="checkbox"/>	Emerald (Word 64)	<input type="checkbox"/>	<input type="checkbox"/>
Volume (Word 17)	<input type="checkbox"/>	<input type="checkbox"/>	Nail (Word 41)	<input type="checkbox"/>	<input type="checkbox"/>	Van (Word 65)	<input type="checkbox"/>	<input type="checkbox"/>
Forest (Word 18)	<input type="checkbox"/>	<input type="checkbox"/>	Wizard (Word 42)	<input type="checkbox"/>	<input type="checkbox"/>	Globe (Word 66)	<input type="checkbox"/>	<input type="checkbox"/>
Anchor (Word 19)	<input type="checkbox"/>	<input type="checkbox"/>	Leopard (Word 43)	<input type="checkbox"/>	<input type="checkbox"/>	Train (Word 67)	<input type="checkbox"/>	<input type="checkbox"/>
Gem (Word 20)	<input type="checkbox"/>	<input type="checkbox"/>	Train (Word 44)	<input type="checkbox"/>	<input type="checkbox"/>	Fund (Word 68)	<input type="checkbox"/>	<input type="checkbox"/>
Cat (Word 21)	<input type="checkbox"/>	<input type="checkbox"/>	Editorial (Word 45)	<input type="checkbox"/>	<input type="checkbox"/>	Coast (Word 69)	<input type="checkbox"/>	<input type="checkbox"/>
Fund (Word 22)	<input type="checkbox"/>	<input type="checkbox"/>	Bread (Word 46)	<input type="checkbox"/>	<input type="checkbox"/>	Gem (Word 70)	<input type="checkbox"/>	<input type="checkbox"/>
Edge (Word 23)	<input type="checkbox"/>	<input type="checkbox"/>	Fund (Word 47)	<input type="checkbox"/>	<input type="checkbox"/>	Wizard (Word 71)	<input type="checkbox"/>	<input type="checkbox"/>
Cake (Word 24)	<input type="checkbox"/>	<input type="checkbox"/>	Trade (Word 48)	<input type="checkbox"/>	<input type="checkbox"/>	Kitten (Word 72)	<input type="checkbox"/>	<input type="checkbox"/>

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(Page 8 of 9)

9. REMEMBERING TEST INSTRUCTIONS

ADCRI

- 0 = subject never needs extra reminders of instructions
- 1 = very mild - forgets once
- 2 = mild - must be reminded 2 times
- 3 = moderate - must be reminded 3 or 4 times
- 4 = moderately severe - must be reminded 5 or 6 times
- 5 = severe - must be reminded 7 or more times

10. SPOKEN LANGUAGE ABILITY

ADCSL

- 0 = no instances where it is difficult to understand the subject
- 1 = very mild - one instance of lack of understandability
- 2 = mild - patient has difficulty less than 25% of the time
- 3 = moderate - patient has difficulty 25-50% of the time
- 4 = moderately severe - patient has difficulty 50% of the time
- 5 = severe - one or two word utterance; fluent, but empty speech; mute

11. WORD-FINDING DIFFICULTY IN SPONTANEOUS SPEECH

ADCDIF

- 0 = no evidence of word finding difficulty in spontaneous speech
- 1 = very mild - 1 or 2 instances, not clinically significant
- 2 = mild - noticeable circumlocution or synonym substitution
- 3 = moderate - loss of words without compensation on occasion
- 4 = moderately severe - frequent loss of words without compensation
- 5 = severe - nearly total loss of content of words; speech sounds empty; 1-2 word utterances

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12. COMPREHENSION

ADCCMP

- 0 = no evidence of poor comprehension
- 1 = very mild - 1 or 2 instances of misunderstanding
- 2 = mild - 3-5 instances of misunderstanding
- 3 = moderate - requires several repetitions and rephrasing
- 4 = moderately severe - patient only occasionally responds correctly; i.e., yes/no questions
- 5 = severe - patient rarely responds to questions appropriately, not due to poverty of speech

13. CONCENTRATION/DISTRACTIBILITY

ADCCON

- 0 = no evidence of poor concentration or distractibility
- 1 = very mild - one instance of poor concentration
- 2 = mild - 2-3 instances of poor concentration/distractibility; signs of restlessness and inattentiveness
- 3 = moderate - 4-5 instances during interview
- 4 = moderately severe - poor concentration/distractibility throughout much of interview
- 5 = severe - extreme difficulty in concentration and extremely distractible, unable to complete tasks

14. NUMBER CANCELLATION

NUMBER CANCELLATION: CORRECT
 NUMBER CANCELLATION: ERRORS
 NUMBER CANCELLATION: REMIND
 NUMBER CANCELLATION SUMMARY

ADCNC01

ADCNC02

ADCNC03

ADCNC

15. EXECUTIVE FUNCTION MAZE

EXECUTIVE FUNCTION: NUMBER ERRORS
 EXECUTIVE FUNCTION: TIME
 EXECUTIVE FUNCTION SUMMARY

ADCM0Z1

ADCMZ02

ADCMZ