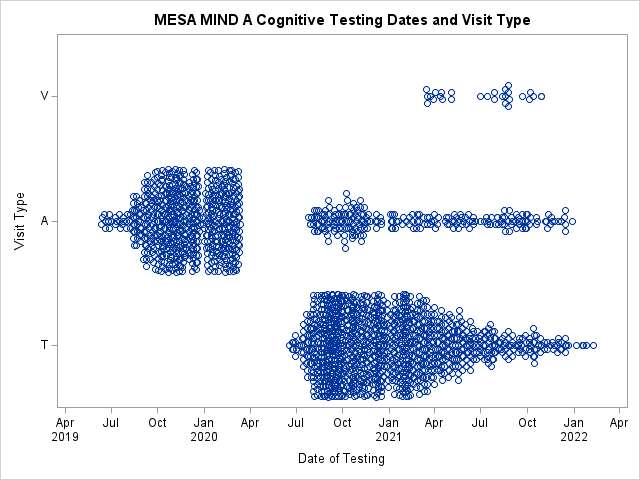
**MESA MIND A Item Level Cognitive Testing Scores**

**Dataset:** MESAMind\_VACogTestItem\_20250416

**Timeline**

MESA MIND A cognitive testing was administered from June 11, 2019 – February 8, 2022. Due to the effects of COVID-19, in-person testing was halted on March 20, 2020 and modified testing via telephone began on June 18, 2020. Testing via telephone continued through February 8, 2022.



**Overview of the testing procedure**

* Tests conducted differ slightly by language and mode of administration.
* While testing is available in English, Spanish, and Chinese, verbal administration was conducted in English, Spanish, Mandarin, or Cantonese based on participant preference.
* MIND A Testing was completed via three modes: in-person, telephone, and video.
  + In-person (A) used complete test items
  + Telephone (T) dropped visual items from CASI and the following tests: Digit Symbol Coding, Benson Figure, MoCA, and WRAT.
  + Video (V) dropped visual items (e.g., Digit Symbol Coding, MoCA, and WRAT). Benson Figure was retained.
* Scores across modes of administration can be treated the same, however analyses should adjust for mode of administration (VISITCODEMA6C)

**Cognitive tests available**

The cognitive tests administered include the Uniform Data Set v3 battery with the addition of QDRS, CASI, Digit Symbol Coding, RAVLT, and WRAT-5 Reading test.

|  |  |  |  |
| --- | --- | --- | --- |
| **Cognitive Tests** | **In-person** | **Telephone** | **Video** |
| **Cognitive Testing** | **Cognitive Testing** | **Cognitive Testing** |
| *Participant Interview* |  |  |  |
| Hearing assessment / instructions | NA | Yes | Yes |
| Montreal Cognitive Assessment (MoCA) | Yes | Removed | Removed |
| Wide Range Achievement Test (WRAT5) Word Reading subtest a | Yes | Removed | Removed |
| Benson Complex Figure – Copy & Delayed Recall and Recognition | Yes | Removed | Yes |
| Digit Symbol Coding | Yes | Removed | Removed |
| Quick Dementia Rating System (QDRS) | Yes | Yes | Yes |
| Cognitive Abilities Screening Instrument (CASI) | Yes | Yes (non-visual items) | Yes |
| Rey Auditory Verbal Learning Test (RAVLT) - Immediate Recall | Yes | Yes | Yes |
| Number Span Forwards & Backwards | Yes | Yes | Yes |
| Trail Making Test | Yes | Oral Trails\*\* | Oral Trails\*\* |
| Geriatric Depression Scale (GDS-15) | Yes | Yes | Yes |
| Craft Story – Immediate Recall | Yes | Yes | Yes |
| Education, Medical Hx, Medications | Yes | Yes | Yes |
| RAVLT Delay Recall & Recognition | Yes | Yes | Yes |
| Category Fluency (Animals & Vegetables) | Yes | Yes | Yes |
| Verbal Fluency (F&L) | Yes | Yes\* | Yes\* |
| Craft Story - Delay Recall | Yes | Yes | Yes |
| *Informant interview* |  |  |  |
| QDRS | Yes | Yes | Yes |
| Neuropsychiatric Inventory Questionnaire (NPI-Q) | Yes | Yes | Yes |
| Functional Activities Questionnaire (FAQ) | Yes | Yes | Yes |
| a WRAT-5 Reading Test was administered for English speaking participants only.  \* Verbal Fluency test was included in MoCA for In-Person visits. For Telephone and Video visits, Verbal Fluency test was administered as an independent test and scored separately. The scores for Telephone and Video tests are not included in this file and may be provided upon request.  \*\* Trail Making test was conducted for In-Person visits. For Telephone and Video visits, Oral Trail Making test was administered as an independent test and scored separately. The scores for Telephone and Video tests are not included in this file and may be provided upon request. | | | |

Generally, MESA cognitive variable names are harmonized with NACC Uniform Data Set v3.

For more information on the NACC Uniform Data Set v3 battery, please refer to:

* Coding Guidebook: <https://files.alz.washington.edu/documentation/uds3-ivp-guidebook.pdf>
* Data Element Dictionary: <https://files.alz.washington.edu/documentation/uds3-ivp-ded.pdf>

**Adjustments for Telephone CASI**

* CASI consists of 30 questions to assess global cognitive performance, scored 0-100.
* Telephone CASI dropped visual items (excluded question numbers: 18, 19, 20, 21, 23, 24, 25) and was rescored 0-77 points. Telephone scores have been prorated as a percent of 77 points to re-scale them as scores 0-100.
  + See Exam 6 CASI documentation file [MESAe6\_CASI\_20250131] for calculation and validation details.

**General aspects of QC**

CASI Validity score (VALIDMA6C) was used by test administrators as an indicator of validity across all cognitive testing, not limited to only CASI.

Steps taken to determine validity of tests:

1. CASI Score outliers were identified by 3 standard deviations above or below the mean.
2. Examined validity of CASI Score (VALIDMA6C) of lists of outliers.

1: VALID

2: PROB INVALID- POOR HEARING

3: PROB INVALID- POOR EYESIGHT

4: PROB INVALID- IMPAIRED MOTOR CONTROL

5: PROB INVALID- LANGUAGE BARRIER

6: PROB INVALID- IMPAIRED ALERTNESS AND ATTENTIVENESS

7: PROB INVALID- SIGNIFICANT PHYSICAL/MENTAL DISCOMFORT

8: PROB INVALID- OTHER REASONS

1. Any testing administration notes were examined to verify testing validity.
2. If CASI validity and administration notes both fail to explain, examine case report forms.

**Validity Indicator**

Overall cognitive testing validity was summarized by the indicator, **COG\_VALIDMA6C**, having the following levels:

1: VALID

2: PROB INVALID- POOR HEARING

3: PROB INVALID- POOR EYESIGHT

4: PROB INVALID- IMPAIRED MOTOR CONTROL

5: PROB INVALID- LANGUAGE BARRIER

6: PROB INVALID- IMPAIRED ALERTNESS AND ATTENTIVENESS

7: PROB INVALID- SIGNIFICANT PHYSICAL/MENTAL DISCOMFORT

8: PROB INVALID- OTHER REASONS

9: CASI INVALID- N MISSING CASI COMPONENTS>3 AND / OR CASI SCORE≤20

**CASI**

CASI scores were considered valid if **all** the following are true:

* + VALIDMA6C = 1
  + CASI Score > 20
  + Number of missing components of CASI Test ≤ 3
  + Testing administration notes did not suggest invalidity.

This is summarized by the variable: **COG\_VALIDMA6C = 1**

**Other Tests**

All other cognitive tests were considered valid if:

* + VALIDMA6C = 1
  + Testing administration notes did not suggest invalidity.

This is summarized by the variable: **COG\_VALIDMA6C = 1 or 9**

**Exclusions & Recommendations:**

* For CASI, exclude if **COG\_VALIDMA6C ≠ 1**. For all other tests, exclude if **COG\_VALIDMA6C ≠ 1 or 9**.
* Investigators may additionally wish to exclude prevalent clinically defined dementia cases.
  + Variable names: **icddementia\_dh** (0/1) and **icddementia\_dhtt** (time to event) from the dataset: [EventsDementiaThru2018\_20210826]
* Adjust analyses for mode of administration (**VISITCODEMA6C**).

| **Variable Name** | **Cognitive Test** | **Question #** | **Question / Variable Description** | **Levels / Ranges** |
| --- | --- | --- | --- | --- |
| IDNO |  |  | MESA Participant ID |  |
| visitcodema6c |  |  | Visit Type | A: IN-PERSON T: TELEPHONE V: VIDEO |
| d\_testingma6c |  |  | Date of cognitive testing | < MESA CC: Dates treated as PII, excluded from dataset > |
| agema6c |  |  | Age at Mind visit A cognitive testing |  |
| e1ma6dyc |  |  | Days from baseline exam to MESA Mind visit A cognitive testing | Days from MESA baseline exam to date of cognitive testing (variable d\_testingma6c) |
| langma6c |  |  | Language of Administration | 1: ENGLISH 2: SPANISH 3: CHINESE |
| cog\_validma6c |  |  | Validity of Cognitive testing Scores For CASI, scores valid if = 1 For all other cognitive tests, scores valid if = 1 or 9 | 1 - Valid 2 - Probably invalid: poor hearing 3 - Probably invalid: poor eyesight 4 - Probably invalid: impaired motor control 5 - Probably invalid: language barrier 6 - Probably invalid: impaired alertness and attentiveness 7 - Probably invalid: significant physical/mental discomfort 8 - Probably invalid: other reasons 9 - CASI invalid: # of missing components > 3 or CASI Score < 20 |
| avlt\_t1\_totalma6c | AVLT Immediate | 1 | Trial 1 | Numeric: 0 - 15 |
| avlt\_t2\_totalma6 | AVLT Immediate | 2 | Trial 2 | Numeric: 0 - 15 |
| avlt\_t3\_totalma6 | AVLT Immediate | 3 | Trial 3 | Numeric: 0 - 15 |
| avlt\_t4\_totalma6 | AVLT Immediate | 4 | Trial 4 | Numeric: 0 - 15 |
| avlt\_t5\_totalma6 | AVLT Immediate | 5 | Trial 5 | Numeric: 0 - 15 |
| avlt\_listb\_totalma6c | AVLT Immediate | 6 | Trial B Recall | Numeric: 0 - 15 |
| avlt\_t6\_totalma6c | AVLT Immediate | 7 | Trial 6 (List A) | Numeric: 0 - 15 |
| avlt\_lotma6c | AVLT Immediate |  | LOT  avlt\_lot = (sum(avlt\_t1\_total, avlt\_t2\_total, avlt\_t3\_total, avlt\_t4\_total, avlt\_t5\_total))- (avlt\_t1\_total\*5) | Numeric: Calculated |
| avlt\_delayed\_totalma6c | AVLT Delayed | 1 | Delayed Recall | Numeric: 0 - 15 |
| avlt\_total\_correctma6c | AVLT Delayed | 2 | AVLT Word Recognition Total Correct | Numeric: 0 - 15 |
| avlt\_total\_falsema6 | AVLT Delayed | 3 | Total False Positives | Numeric: 0 - 15 |
| NPIQINFma6 | NPIQ | 1 | NPI CO-PARTICIPANT: | 1 - Spouse 2 - Child 3 - Other |
| NPIQINFXma6 | NPIQ | 1 | If NPI informant Other - specify: | Text |
| DELma6 | NPIQ | 2 | DELUSIONS: Does the patient believe that others are stealing from him or her, or planning to harm him or her in some way? | 0 - No 1 - Yes 9 - Unknown |
| DELSEVma6 | NPIQ | 2 | If DELUSIONS, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| HALLma6 | NPIQ | 3 | HALLUCINATIONS: Does the patient act as if he or she hears voices? Does he or she talk to people who are not there? | 0 - No 1 - Yes 9 - Unknown |
| HALLSEVma6 | NPIQ | 3 | If HALLUCINATIONS, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| AGITma6 | NPIQ | 4 | AGITATION OR AGGRESSION: Is the patient stubborn and resistive to help from others? | 0 - No 1 - Yes 9 - Unknown |
| AGITSEVma6 | NPIQ | 4 | If AGITATION OR AGGRESSION, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| DEPDma6 | NPIQ | 5 | DEPRESSION OR DYSPHORIA: Does the patient act as if he or she is sad or in low spirits? Does he or she cry? | 0 - No 1 - Yes 9 - Unknown |
| DEPDSEVma6 | NPIQ | 5 | If DEPRESSION OR DYSPHORIA, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| ANXma6 | NPIQ | 6 | ANXIETY: Does the patient become upset when separated from you? Does he or she have any other signs of nervousness, such as shortness of breath, sighing, being unable to relax, or feeling excessively tense? | 0 - No 1 - Yes 9 - Unknown |
| ANXSEVma6 | NPIQ | 6 | If ANXIETY, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| ELATma6 | NPIQ | 7 | ELATION OR EUPHORIA: Does the patient appear to feel too good or act excessively happy? | 0 - No 1 - Yes 9 - Unknown |
| ELATSEVma6 | NPIQ | 7 | If ELATION OR EUPHORIA, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| APAma6 | NPIQ | 8 | APATHY OR INDIFFERENCE: Does the patient seem less interested in his or her usual activities and in the activities and plans of others? | 0 - No 1 - Yes 9 - Unknown |
| APASEVma6 | NPIQ | 8 | If APATHY OR INDIFFERENCE, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| DISNma6 | NPIQ | 9 | DISINHIBITION: Does the patient seem to act impulsively? For example, does the patient talk to strangers as if he or she knows them, or does the patient say things that may hurt people's feelings? | 0 - No 1 - Yes 9 - Unknown |
| DISNSEVma6 | NPIQ | 9 | If DISINHIBITION, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| IRRma6 | NPIQ | 10 | IRRITABILITY OR LABILITY: Is the patient impatient or cranky? Does he or she have difficulty coping with delays or waiting for planned activities? | 0 - No 1 - Yes 9 - Unknown |
| IRRSEVma6 | NPIQ | 10 | If IRRITABILITY OR LABILITY, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| MOTma6 | NPIQ | 11 | MOTOR DISTURBANCE: Does the patient engage in repetitive activities, such as pacing around the house, handling buttons, wrapping string, or doing other things repeatedly? | 0 - No 1 - Yes 9 - Unknown |
| MOTSEVma6 | NPIQ | 11 | If MOTOR DISTURBANCE, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| NITEma6 | NPIQ | 12 | NIGHTTIME BEHAVIORS: Does the patient awaken you during the night, rise too early in the morning, or take excessive naps during the day? | 0 - No 1 - Yes 9 - Unknown |
| NITESEVma6 | NPIQ | 12 | If NIGHTTIME BEHAVIORS, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| APPma6 | NPIQ | 13 | APPETITE AND EATING: Has the patient lost or gained weight, or had a change in the food he or she likes? | 0 - No 1 - Yes 9 - Unknown |
| APPSEVma6 | NPIQ | 13 | If APPETITE AND EATING, rate Severity: | 1 - Mild (noticeable, but not a significant change) 2 - Moderate (significant, but not a dramatic change) 3 - Severe (very marked or prominent a dramatic change) 9 - Unknown |
| npiq\_totalma6c | NPIQ |  | NPIQ Total | Numeric: 0 - 39 |
| SATISma6 | GDS | 1 | Are you basically satisfied with your life? | 0 - Yes 1 - No 9 - Did not answer |
| NOGDSma6 | GDS | 1 | Check this box if the subject is not able to complete the GDS, based on the clinician's best judgment | 0 - Able to complete (box not checked) 1 - Not able to complete (box checked) |
| DROPACTma6 | GDS | 2 | Have you dropped many of your activities and interests? | 1 - Yes 0 - No 9 - Did not answer |
| EMPTYma6 | GDS | 3 | Do you feel that your life is empty? | 1 - Yes 0 - No 9 - Did not answer |
| BOREDma6 | GDS | 4 | Do you often get bored? | 1 - Yes 0 - No 9 - Did not answer |
| SPIRITSma6 | GDS | 5 | Are you in good spirits most of the time? | 0 - Yes 1 - No 9 - Did not answer |
| AFRAIDma6 | GDS | 6 | Are you afraid that something bad is going to happen to you? | 1 - Yes 0 - No 9 - Did not answer |
| HAPPYma6 | GDS | 7 | Do you feel happy most of the time? | 0 - Yes 1 - No 9 - Did not answer |
| HELPLESSma6 | GDS | 8 | Do you often feel helpless? | 1 - Yes 0 - No 9 - Did not answer |
| STAYHOMEma6 | GDS | 9 | Do you prefer to stay at home, rather than going out and doing new things? | 1 - Yes 0 - No 9 - Did not answer |
| MEMPROBma6 | GDS | 10 | Do you feel you have more problems with memory than most? | 1 - Yes 0 - No 9 - Did not answer |
| WONDRFULma6 | GDS | 11 | Do you think it is wonderful to be alive now? | 0 - Yes 1 - No 9 - Did not answer |
| WRTHLESSma6 | GDS | 12 | Do you feel pretty worthless the way you are now? | 1 - Yes 0 - No 9 - Did not answer |
| ENERGYma6 | GDS | 13 | Do you feel full of energy? | 0 - Yes 1 - No 9 - Did not answer |
| HOPELESSma6 | GDS | 14 | Do you feel that your situation is hopeless? | 1 - Yes 0 - No 9 - Did not answer |
| BETTERma6 | GDS | 15 | Do you think that most people are better off than you are? | 1 - Yes 0 - No 9 - Did not answer |
| gdsma6c | GDS | 16 | Sum of all circled answers for a Total GDS Score | Numeric: 0 - 15 |
| BILLSma6 | FAS FAQ | 1 | In the past four weeks, did the subject have any difficulty or need help with: Writing checks, paying bills, or balancing a checkbook | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| TAXESma6 | FAS FAQ | 2 | In the past four weeks, did the subject have any difficulty or need help with: Assembling tax records, business affairs, or other papers | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| SHOPPINGma6 | FAS FAQ | 3 | In the past four weeks, did the subject have any difficulty or need help with: Shopping alone for clothes, household necessities, or groceries | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| GAMESma6 | FAS FAQ | 4 | In the past four weeks, did the subject have any difficulty or need help with: Playing a game of skill such as bridge or chess, working on a hobby | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| STOVEma6 | FAS FAQ | 5 | In the past four weeks, did the subject have any difficulty or need help with: Heating water, making a cup of coffee, turning off the stove | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| MEALPREPma6 | FAS FAQ | 6 | In the past four weeks, did the subject have any difficulty or need help with: Preparing a balanced meal | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| EVENTSma6 | FAS FAQ | 7 | In the past four weeks, did the subject have any difficulty or need help with: Keeping track of current events | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| PAYATTNma6 | FAS FAQ | 8 | In the past four weeks, did the subject have any difficulty or need help with: Paying attention to and understanding a TV program, book, or magazine | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| REMDATESma6 | FAS FAQ | 9 | In the past four weeks, did the subject have any difficulty or need help with: Remembering appointments, family occasions, holidays, medications | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| TRAVELma6 | FAS FAQ | 10 | In the past four weeks, did the subject have any difficulty or need help with: Traveling out of the neighborhood, driving, or arranging to take public transportation | 0 - Normal 1 - Has difficulty, but does by self 2 - Requires assistance 3 - Dependent 8 - Not applicable (e.g., never did) 9 - Unknown |
| faq\_scorema6c | FAS FAQ |  | FAQ Total | Numeric: 0 - 30 |
| udsbentdma6c | Benson Complex Figure Delayed | 1.a | Total scoring for drawing of Benson figuring following 10- to 15- minute delay | Numeric: 1 - 17 |
| UDSBENRSma6 | Benson Complex Figure Delayed | 1.b | Which of the figures was the one you copied before? Did subject recognize stimulus from among four options? | 0 - No 1 - Yes |
| udsbentcma6c | Benson Complex Figure Copy | 1 | Total Score for Copy of Benson Figure | Numeric: 1 - 17 |
| casitimma6 | CASI | 0 | Testing start time (hr:min) | Text |
| bornctybeginma6 | CASI | 1 | Where were you born? City/Town: | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| brnctanma6 | CASI | 1 | Where were you born? City/Town: | Text |
| brnstma6 | CASI | 1 | State/Country | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| brnstanma6 | CASI | 1 | State/Country | Text |
| borndayma6 | CASI | 2 | When were you born? Day: | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| brndansma6 | CASI | 2 | When were you born? Day: | Text |
| brnmma6 | CASI | 2 | When were you born? Month: | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| brnmansma6 | CASI | 2 | When were you born? Month: | Text |
| brnyansma6 | CASI | 2 | When were you born? Year: | Text |
| brnyrma6 | CASI | 2 | When were you born? Year: | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| agema6 | CASI | 3 | How old are you? | 2 - Correct 1 - Missed by 1-3 years 0 - Missed by >3 years 9 - Not Att/Disabled |
| ageansma6 | CASI | 3 | How old are you? | Text |
| mhrdyrma6 | CASI | 4.a | How many minutes are there in an hour? (score 2 if either question answered correctly) | 2 - Correct (Skip 4b) 0 - Error/Refused (continue with 4b) 9 - Not Att/Disabled |
| mhrdyr2ma6 | CASI | 4.b | How many days are there in a year? | 2 - Correct (Skip 4b) 0 - Error/Refused (continue with 4b) 9 - Not Att/Disabled |
| charityma6 | CASI | 4.c | Charity | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| sunsetma6 | CASI | 5 | In what direction does the sun set? (if confused, may provide 4 choices) | 2 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| shoesma6 | CASI | 6.a | Shoes | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| bluema6 | CASI | 6.b | Blue | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rep123ma6 | CASI | 7.a | 1-2-3 (If unable, coach for 3-2-1, but score 0) | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rep682ma6 | CASI | 7.b | 6-8-2 (If score is 0 in both A and B, score C 0) | 2 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rep3529ma6 | CASI | 7.c | 3-5-2-9 | 2 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rmshoema6 | CASI | 8.a | Shoes | 1.5 - Spontaneous recall 1 - After "one word was something to wear" 0.5 - After "Was it shoes, shirt or socks?" 0 - Still Incorrect 9 - Not Attempted |
| rmbluema6 | CASI | 8.b | Blue | 1.5 - Spontaneous recall 1 - After "one word was something to wear" 0.5 - After "Was it shoes, shirt or socks?" 0 - Still Incorrect 9 - Not Attempted |
| rmcharma6 | CASI | 8.c | Charity | 1.5 - Spontaneous recall 1 - After "one word was something to wear" 0.5 - After "Was it shoes, shirt or socks?" 0 - Still Incorrect 9 - Not Attempted |
| sub97ma6 | CASI | 9.a | From 100, take away 3 equals how many? | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| sub97anma6 | CASI | 9.a | From 100, take away 3 equals how many? | Text |
| sub94ma6 | CASI | 9.b | And take away 3 from that equals? | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| sub94anma6 | CASI | 9.b | And take away 3 from that equals? | Text |
| sub85ma6 | CASI | 9.c | Repeat "And take away 3 again equals?" (ask 1 more times) | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| sub85anma6 | CASI | 9.c | Repeat "And take away 3 again equals?" (ask 1 more times) | Text |
| sub88ma6 | CASI | 9.c | Repeat "And take away 3 again equals?" (ask 2 more times) | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| sub88anma6 | CASI | 9.c | Repeat "And take away 3 again equals?" (ask 2 more times) | Text |
| sub91ma6 | CASI | 9.c | Repeat "And take away 3 again equals?" (ask 3 more times) | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| sub91anma6 | CASI | 9.c | Repeat "And take away 3 again equals?" (ask 3 more times) | Text |
| nowdtanma6 | CASI | 10 | What is today's date? | Text |
| nowdtyrma6 | CASI | 10.a | Year | 4 - Accurate 2 - Missed by 1 year 1 - Missed by 2-5 years 0 - Missed by 6 or more years 9 - Not attempted/Disabled |
| nowdttmma6 | CASI | 10.b | Month | 2 - Accurate or within 5 days 1 - Missed by 1 month 0 - Missed by 2 or more months 9 - Not attempted/Disabled |
| nowdatema6 | CASI | 10.c | Day | 3 - Accurate (of the month) 2 - Missed by 1 or 2 days 1 - Missed by 3-5 days 0 - Missed by 6 or more days 9 - Not attempted/Disabled |
| todayma6 | CASI | 11 | What day of the week is today? | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| seasonma6 | CASI | 12 | What season of the year is it? | 1 - Accurate to within 1 month 0 - Missed by > 1 month 9 - Not Att/Disabled |
| statema6 | CASI | 13.a | What State are we in? | 2 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| cityma6 | CASI | 13.b | What City/Town/Village are we in? | 2 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| thisplcma6 | CASI | 13.c | Is this place a clinic, store, or home? | 2 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| anima60ma6 | CASI | 14 | What animals have 4 legs? Tell me as many as you can (60 seconds) 30 sec | Text |
| animnumma6 | CASI | 14 | 60 sec | Text |
| armansma6 | CASI | 15.a | An orange and a banana are both fruit. (pause for 2 sec., then ask) a. An arm and a leg are both...? | Text |
| armlegma6 | CASI | 15.a | An orange and a banana are both fruit. (pause for 2 sec., then ask) a. An arm and a leg are both...? | 2 - Body parts, limbs, extremities 1 - Long, bend, muscles, bones, etc. 0 - Incorrect/Don't Know 9 - Not Attempted/Disabled |
| lghansma6 | CASI | 15.b | Laughing and crying are both...? | Text |
| lghcryma6 | CASI | 15.b | Laughing and crying are both...? | 2 - Expressions of feelings/emotions 1 - Other correct answer 0 - Incorrect/Don't know 9 - Not attempted/disabled |
| eatansma6 | CASI | 15.c | Eating and sleeping are both...? | Text |
| eatslpma6 | CASI | 15.c | Eating and sleeping are both...? | 2 - Necessary bodily functions 1 - Other correct answer 0 - Incorrect/Don't know 9 - Not attempted/Disabled |
| hsfirema6 | CASI | 16.a | What actions would you take if you saw your neighbor's house catching fire? (prompt "What else might you do?" once only, if necessary) Note: Score 1 point (up to w) for each correct responses: call 911, alert fire/police department, save/alert residents, help put out fire, safeguard your own property/family, alert neighbors, try to help. No. of appropriate actions: | 0 - 0  1 - 1  2 - 2 |
| umbinfma6 | CASI | 16.b | Inform/Apologize | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| umbrepma6 | CASI | 16.b | Replace/Compensate | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| mailma6 | CASI | 16.c | What would you do if you found an envelope that was sealed, addressed, and had a new stamp? | 2 - Mail 1 - Try to locate the owner 0 - Inappropriate action 9 - Not attempted/Disabled |
| gohomema6 | CASI | 17.a | Repeat exactly what I say: He would like to go home | 2 - Correct 1 - 1 or 2 missed/wrong words 0 - 3 or more missed/wrong words 9 - Not attempted/Disabled |
| gohomexma6 | CASI | 17.a | Extra words | Checkbox |
| bluesqma6 | CASI | 17.b | blue square | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| heavierma6 | CASI | 17.b | is heavier than | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| yellowcma6 | CASI | 17.b | Now repeat ... This yellow circle | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| yellowxma6 | CASI | 17.b | Extra words | Checkbox |
| raisehnma6 | CASI | 18 | Please do this: (Point to statement "Raise your Hand") Note: May repeat instructions one time. | 1.5 - Raises hand without prompting 1 - Raises hand after prompting 0.5 - Reads correctly, but does not raise hand 0 - Neither reads nor obeys 9 - Not attempted/Disabled |
| hwwouldma6 | CASI | 19.a | Let me have a sample of your handwriting. Please write: (He) would like to go home. (1 min). (May dictate one word at a time if necessary) Would | 0.5 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| hwlikema6 | CASI | 19.b | Like | 0.5 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| hwtoma6 | CASI | 19.c | To | 0.5 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| hwgoma6 | CASI | 19.d | Go | 0.5 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| hwhomema6 | CASI | 19.e | Home | 0.5 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| pentrlma6 | CASI | 19.f | Hand used to write sentence? | 1 - Right 2 - Left |
| pentlma6 | CASI | 20.a | Please copy this: (show pentagons - 1 minute) NOTE: For right-handed-persons, present the sample on their left side. For left-handed persons, present the sample on their right side. Left Pentagon | 4 - 5 approx. equal sides 3 - 5 but unequal(>2:1) 2 - Any other enclosed figures 1 - 2 or more lines but without closure 0 - Less than 2 lines 9 - Not attempted/Disabled |
| pentrma6 | CASI | 20.b | Right Pentagon | 4 - 5 approx. equal sides 3 - 5 but unequal(>2:1) 2 - Any other enclosed figures 1 - 2 or more lines but without closure 0 - Less than 2 lines 9 - Not attempted/Disabled |
| pentintma6 | CASI | 20.c | Intersections | 2 - 4 cornered 1 - Not 4 cornered enclosure 0 - No enclosure 9 - Not attempted/Disabled |
| pprhandma6 | CASI | 21.a | Take this paper with your (left)/(right) hand, fold it in half, and hand it back to me NOTE: For question 21, do not repeat any part of the command. (Use non-dominant hand). (left)/(right) hand | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| pprfoldma6 | CASI | 21.b | Fold it in half, and | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| pprbackma6 | CASI | 21.c | Hand it back to me | 1 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rmshoe2ma6 | CASI | 22.a | What three words did I ask you to remember earlier? Shoes | 1.5 - Spontaneous recall 1 - After "one word was something to wear" 0.5 - After "Was it shoes, shirt or socks?" 0 - Still Incorrect 9 - Not Attempted/Disabled |
| rmblue2ma6 | CASI | 22.b | Blue | 1.5 - Spontaneous recall 1 - After "one word was something to wear" 0.5 - After "Was it shoes, shirt or socks?" 0 - Still Incorrect 9 - Not Attempted/Disabled |
| rmchar2ma6 | CASI | 22.c | Charity | 1.5 - Spontaneous recall 1 - After "one word was something to wear" 0.5 - After "Was it shoes, shirt or socks?" 0 - Still Incorrect 9 - Not Attempted/Disabled |
| forehdma6 | CASI | 23.a | What do we call this part of the face/body? (2 seconds each) NOTE: Ask this while pointing to the appropriate part on your own body. Do not repeat. Forehead | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| chinma6 | CASI | 23.b | Chin | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| shldrma6 | CASI | 23.c | Shoulder | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| elbowma6 | CASI | 23.d | Elbow | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| wristma6 | CASI | 23.e | Wrist | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| spoonma6 | CASI | 24.a | What is this? (show one at a time) NOTE: Present one item at a time and ask the participant to name it. If the participant cannot name an object in 2 seconds, put it in the participant's hand and ask, "What do you call this?" If he/she still cannot name it, wait 4 seconds, say (for key) "It is a key... say key." Spoon | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| coinma6 | CASI | 24.b | Coin | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| toothbma6 | CASI | 24.c | Toothbrush | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| keyma6 | CASI | 24.d | Key | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| combma6 | CASI | 24.e | Comb | 0.3 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| objnumma6 | CASI | 24.f | Total number of objects either named spontaneously or repeated perfectly after coaching: (max 5) | Text |
| rmspoonma6 | CASI | 25.a | Remember these 5 objects. (Wait for 5 sec., cover, then ask "What 5 objects did I just show you?" Any order is OK.) NOTE: Terminate testing when the participant has reported 5 objects (including incorrect names) or when the participant cannot recall any additional item in 5 seconds. spoon | 0.6 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rmcoinma6 | CASI | 25.b | Coin | 0.6 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rmtoothma6 | CASI | 25.c | Toothbrush | 0.6 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rmkeyma6 | CASI | 25.d | Key | 0.6 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| rmcombma6 | CASI | 25.e | Comb | 0.6 - Correct 0 - Error/Refused 9 - Not Att/Disabled |
| bornctyma6 | CASI | 26 | Once again, where were you born? (If this matches with Q1, assume it is correct). City/Town | Text |
| fintimema6 | CASI |  | Finish time (hr:min) | Text |
| duraminma6 | CASI |  | Duration(minutes): | Text |
| casisumma6c | CASI |  | CASI Total Score | Numeric: 0 - 100 |
| nmissingma6c | CASI |  | Number of missing CASI components | Numeric: 0 - 72 |
| animalsma6c | Category Fluency | 1.a | Animals: Total number of animals named in 60 seconds | Numeric: 0 - 77 |
| vegma6c | Category Fluency | 1.b | Vegetables: Total number of vegetables named in 60 seconds | Numeric: 0 - 77 |
| craftdvrma6c | Craft Story Delayed | 1.a | Total story units recalled, verbatim scoring | Numeric: 0 - 44 |
| craftdrema6c | Craft Story Delayed | 1.b | Total story units recalled, paraphrase scoring | Numeric: 0 - 25 |
| craftdtima6 | Craft Story Delayed | 1.c | Delay time (minutes) | Numeric: 0 - 85 |
| craftcuema6 | Craft Story Delayed | 1.d | Cue (boy) needed | 0 - No 1 - Yes |
| craftvrsma6c | Craft Story Immediate | 1.a | Total story units recalled, verbatim scoring | Numeric: 0 - 44 |
| craftursma6c | Craft Story Immediate | 1.b | Total story units recalled, paraphrase scoring | Numeric: 0 - 25 |
| dsb1ama6 | Digit Span: Backward | 1.a | 2 - 4 | 1 - Pass 0 - Fail |
| dsb1bma6 | Digit Span: Backward | 1.b | 5 - 7 | 1 - Pass 0 - Fail |
| dsb2ama6 | Digit Span: Backward | 2.a | 6 - 2 - 9 | 1 - Pass 0 - Fail |
| dsb2bma6 | Digit Span: Backward | 2.b | 4 - 1 - 5 | 1 - Pass 0 - Fail |
| dsb3ama6 | Digit Span: Backward | 3.a | 3 - 2 - 7 - 9 | 1 - Pass 0 - Fail |
| dsb3bma6 | Digit Span: Backward | 3.b | 4 - 9 - 6 - 8 | 1 - Pass 0 - Fail |
| dsb4ama6 | Digit Span: Backward | 4.a | 1 - 5 - 2 - 8 - 6 | 1 - Pass 0 - Fail |
| dsb4bma6 | Digit Span: Backward | 4.b | 6 - 1 - 8 - 4 - 3 | 1 - Pass 0 - Fail |
| dsb5ama6 | Digit Span: Backward | 5.a | 5 - 3 - 9 - 4 - 1 - 8 | 1 - Pass 0 - Fail |
| dsb5bma6 | Digit Span: Backward | 5.b | 7 - 2 - 4 - 8 - 5 - 6 | 1 - Pass 0 - Fail |
| dsb6ama6 | Digit Span: Backward | 6.a | 8 - 1 - 2 - 9 - 3 - 6 - 5 | 1 - Pass 0 - Fail |
| dsb6bma6 | Digit Span: Backward | 6.b | 4 - 7 - 3 - 9 - 1 - 2 - 8 | 1 - Pass 0 - Fail |
| dsb7ama6 | Digit Span: Backward | 7.a | 9 - 4 - 3 - 7 - 6 - 2 - 5 - 8 | 1 - Pass 0 - Fail |
| dsb7bma6 | Digit Span: Backward | 7.b | 7 - 2 - 8 - 1 - 9 - 6 - 5 - 3 | 1 - Pass 0 - Fail |
| dgtbckma6c | Digit Span: Backward |  | Total Correct (Spans Lengths: 2 – 8) | Numeric: 0 - 14 |
| bkwdLongma6c | Digit Span: Backward |  | Length of longest series | Numeric: 2 - 8 |
| dsf1ama6 | Digit Span: Forward | 1.a | 1 - 7 | 1 - Pass 0 - Fail |
| dsf1bma6 | Digit Span: Forward | 1.b | 6 - 3 | 1 - Pass 0 - Fail |
| dsf2ama6 | Digit Span: Forward | 2.a | 5 - 8 - 2 | 1 - Pass 0 - Fail |
| dsf2bma6 | Digit Span: Forward | 2.b | 6 - 9 - 4 | 1 - Pass 0 - Fail |
| dsf3ama6 | Digit Span: Forward | 3.a | 6 - 4 - 3 - 9 | 1 - Pass 0 - Fail |
| dsf3bma6 | Digit Span: Forward | 3.b | 7 - 2 - 8 - 6 | 1 - Pass 0 - Fail |
| dsf4ama6 | Digit Span: Forward | 4.a | 4 - 2 - 7 - 3 - 1 | 1 - Pass 0 - Fail |
| dsf4bma6 | Digit Span: Forward | 4.b | 7 - 5 - 8 - 3 - 6 | 1 - Pass 0 - Fail |
| dsf5ama6 | Digit Span: Forward | 5.a | 6 - 1 - 9 - 4 - 7 - 3 | 1 - Pass 0 - Fail |
| dsf5bma6 | Digit Span: Forward | 5.b | 3 - 9 - 2 - 4 - 8 - 7 | 1 - Pass 0 - Fail |
| dsf6ama6 | Digit Span: Forward | 6.a | 5 - 9 - 1 - 7 - 4 - 2 - 8 | 1 - Pass 0 - Fail |
| dsf6bma6 | Digit Span: Forward | 6.b | 4 - 1 - 7 - 9 - 3 - 8 - 6 | 1 - Pass 0 - Fail |
| dsf7ama6 | Digit Span: Forward | 7.a | 5 - 8 - 1 - 9 - 2 - 6 - 4 - 7 | 1 - Pass 0 - Fail |
| dsf7bma6 | Digit Span: Forward | 7.b | 3 - 8 - 2 - 9 - 5 - 1 - 7 - 4 | 1 - Pass 0 - Fail |
| dsf8ama6 | Digit Span: Forward | 8.a | 2 - 7 - 5 - 8 - 6 - 2 - 5 - 8 - 4 | 1 - Pass 0 - Fail |
| dsf8bma6 | Digit Span: Forward | 8.b | 7 - 1- 3 - 9 - 4 - 2 - 5 - 6 - 8 | 1 - Pass 0 - Fail |
| dgtforma6c | Digit Span: Forward |  | Total Correct (Spans Lengths: 2 – 9) | Numeric: 0 - 16 |
| fwdLongma6c | Digit Span: Forward |  | Length of longest series | Numeric: 2 - 9 |
| dsymdonema6 | Digit Symbol Coding | 1.a | A. Test items: | 1 - Done 2 - Not Done 3 - Refused |
| dsymscrma6c | Digit Symbol Coding | 1.b | B. Number of symbols correctly coded: | Numeric: 0 - 140 |
| dsymincorrectma6 | Digit Symbol Coding | 1.c | C. Number of symbols incorrectly coded: | Numeric: 0 - 140 |
| MOCACOMPma6 | MOCA | 1.a | Was any part of MoCA administered? | 0 - No (SKIP TO QUESTION 2a) 1 - Yes (CONTINUE WITH QUESTION 1b) |
| MOCALOCma6 | MOCA | 1.b | MoCA was administered? | 1 - In ADC or Clinic 2 - In Home 3 - In-Person - other |
| MOCALANma6 | MOCA | 1.c | Language of MoCA administration: | 1: ENGLISH 2: SPANISH 3: OTHER |
| MOCALANXma6 | MOCA | 1.c | Language of MoCA administration: if other, specify | Text |
| MOCAVISma6 | MOCA | 1.d | Subject was unable to complete one or more sections due to visual impairment | 0 - No 1 - Yes |
| MOCAHEARma6 | MOCA | 1.e | Subject was unable to complete one or more sections due to hearing impairment | 0 - No 1 - Yes |
| mocatotsma6c | MOCA | 1.f | TOTAL RAW SCORE - UNCORRECTED (not corrected for education or visual/hearing impairment) | Numeric: 0 - 30 |
| MOCATRAIma6 | MOCA | 1.g | MoCA: Visuospatial/executive - Trails | Numeric: 0 - 1 |
| MOCACUBEma6 | MOCA | 1.h | MoCA: Visuospatial/executive - Cube | Numeric: 0 - 1 |
| MOCACLOCma6 | MOCA | 1.I | MoCA: Visuospatial/executive - Clock contour | Numeric: 0 - 1 |
| MOCACLONma6 | MOCA | 1.j | MoCA: Visuospatial/executive - Clock numbers | Numeric: 0 - 1 |
| MOCACLOHma6 | MOCA | 1.k | MoCA: Visuospatial/executive - Clock hands | Numeric: 0 - 1 |
| MOCANAMIma6 | MOCA | 1.l | MoCA: Language - Naming | Numeric: 0 - 3 |
| MOCAREGIma6 | MOCA | 1.m | MoCA: Memory: Registration (two trials) | Numeric: 0 - 10 |
| MOCADIGIma6 | MOCA | 1.n | MoCA: Attention - Digits | Numeric: 0 - 2 |
| MOCALETTma6 | MOCA | 1.o | MoCA: Attention - Letter A | Numeric: 0 - 1 |
| MOCASER7ma6 | MOCA | 1.p | MoCA: Attention - Serial 7s | Numeric: 0 - 3 |
| MOCAREPEma6 | MOCA | 1.q | MoCA: Language - Repetition | Numeric: 0 - 2 |
| MOCAFLUEma6 | MOCA | 1.r | MoCA: Language - Fluency | Numeric: 0 - 1 |
| MOCAFLUEFma6 | MOCA | 1.r1 | MoCA: Language - Fluency F Words | Text |
| MOCAABSTma6 | MOCA | 1.s | MoCA: Abstraction | Numeric: 0 - 2 |
| MOCARECNma6 | MOCA | 1.t | MoCA: Delayed Recall - No Cue | Numeric: 0 - 5 |
| MOCARECCma6 | MOCA | 1.u | MoCA: Delayed recall - Category Cue | Numeric: 0 - 5 |
| MOCARECRma6 | MOCA | 1.v | MoCA: Delayed Recall - Recognition | Numeric: 0 - 5 |
| MOCAORDTma6 | MOCA | 1.w | MoCA: Orientation - Date | Numeric: 0 - 1 |
| MOCAORMOma6 | MOCA | 1.x | MoCA: Orientation - Month | Numeric: 0 - 1 |
| MOCAORYRma6 | MOCA | 1.y | MoCA: Orientation - Year | Numeric: 0 - 1 |
| MOCAORDYma6 | MOCA | 1.z | MoCA: Orientation - Day | Numeric: 0 - 1 |
| MOCAORPLma6 | MOCA | 1.aa | MoCA: Orientation - Place | Numeric: 0 - 1 |
| MOCAORCTma6 | MOCA | 1.bb | MoCA: Orientation - City | Numeric: 0 - 1 |
| NPSYCLOCma6 | MOCA | 2.a | The tests following the MoCA were administered | 1 - In ADC or clinic 2 - In home 3 - In person - other |
| NPSYLANma6 | MOCA | 2.b | Language of test administration | 1: ENGLISH 2: SPANISH 3: OTHER |
| NPSYLANXma6 | MOCA | 2.b | Language of test administration: if other, specify | Text |
| memoryma6 | QDRS Informant | 1 | Memory and Recall | 0 - No obvious memory loss or slight inconsistent forgetfulness that does not interfere with everyday function 0.5 - Consistent mild forgetfulness or partial recollection of events that may interfere with performing everyday activities; repeats questions/statements, misplaces items, forgets appointments 1 - Mild to moderate memory loss; more noticeable for recent events; interferes with performing everyday activities 2 - Moderate to severe memory loss; only highly learned information remembered; new information rapidly forgotten 3 - Severe memory loss, almost impossible to recall new information; long-term memory may be affected |
| orientationma6 | QDRS Informant | 2 | Orientation | 0 - Fully oriented person, place, and time nearly all the time 0.5 - Slight difficulty keeping track of time; may forget day or date more frequently than in the past 1 - Mild to moderate difficulty keeping track of time and sequence of events' forgets month or year; oriented to familiar places but gets confused outside of familiar areas; gets lost or wanders 2 - Moderate to severe difficulty, usually disoriented to time and place (familiar and unfamiliar); frequently dwells in past 3 - Only oriented to their name, although may recognize family members |
| prbsolvema6 | QDRS Informant | 3 | Decision Making and Problem Solving | 0 - Solves everyday problems; handles personal business and financial affairs well; decision-making abilities consistent with past performance 0.5 - Slight impairment or takes longer to solve problems; trouble with abstract concepts; decisions still sound 1 - Moderate difficulty with handling problems and making decisions; defers many decisions to others; social judgement and behavior may be slightly impaired; loss of insight 2 - Severely impaired in handling problems, making only simple personal decisions; social judgement and behavior often impaired; lacks insight 3 - Unable to make decisions or solve problems; others make nearly all decisions for patient |
| acthomema6 | QDRS Informant | 4 | Activities Outside the Home | 0 - Independent in function at usual level of performance in profession, shopping, community activities, religious services, volunteering or social groups 0.5 - Slight impairment in these activities compared to previous performance; slight change in driving skills; still able to handle emergency situations 1 - Unable to function independently but still may attend and be engaged; appears "normal" to others; notable changes in driving skills; concern about ability to handle emergency situations 2 - No pretense of independent function outside the home; appears well enough to be taken to activities outside the family home but generally needs to be accompanied 3 - No independent function or activities; appear too ill to be taken to activities outside the home |
| hobbyma6 | QDRS Informant | 5 | Function at Home and Hobby Activities | 0 - Chores at home, hobbies and personal interests are well maintained compared to past performance 0.5 - Slight impairment or less interest in these activities; trouble operating appliances (particularly new purchases) 1 - Mild but definite impairment in home and hobby function; more difficult chores or tasks abandoned; more complicated hobbies and interests given up 2 - Only simple chores preserved, very restricted interest in hobbies which are poorly maintained 3 - No meaningful function in household chores or with prior hobbies |
| pershygienema6 | QDRS Informant | 6 | Toileting and Personal Hygiene | 0 - Fully capable of self-care (dressing, grooming, washing, bathing, toileting) 0.5 - Slight changes in abilities and attention to these activities 1 - Needs prompting to complete these activities but may still complete independently 2 - Requires some assistance in dressing, hygiene, keeping of personal item; occasionally incontinent 3 - Requires significant help with personal care and hygiene; frequent incontinence |
| behaviorma6 | QDRS Informant | 7 | Behavior and Personality Changes | 0 - Socially appropriate behavior in public and private; no changes in personality 0.5 - Questionable or very mild changes in behavior, personality, emotional control, appropriateness of choices 1 - Mild changes in behavior or personality 2 - Moderate behavior or personality changes, affects interactions with others; may be avoided by friends or distant family 3 - Severe behavior or personality changes; making interactions with others unpleasant or avoided all together |
| languagema6 | QDRS Informant | 8 | Language and Communication Abilities | 0 - No language difficulty or occasional word searching; reads and writes as well as in past 0.5 - Consistent mild word finding difficulties, using descriptive terms or takes longer to get point across, mild problems with comprehension, decreased conversation; may affect reading and writing 1 - Moderate word finding difficulty in speech, cannot name objects, marked reduction in work production; reduced comprehension, conversation, writing and/or reading 2 - Moderate to severe impairments in speech production or comprehension; has difficulty communicating thoughts to others; limited ability to read or write 3 - Severe deficits in language and communication; little to no understandable speech |
| moodma6 | QDRS Informant | 9 | Mood | 0 - No changes in mood, interest, or motivation level 0.5 - Occasional sadness, depression, anxiety, nervousness or loss of interest/motivation 1 - Daily mild issues with sadness, depression, anxiety, nervousness or loss of interest/motivation 2 - Moderate issues with sadness, depression, anxiety, nervousness or loss of interest/motivation 3 - Severe issues with sadness, depression, anxiety, nervousness or loss of interest/motivation |
| concentratema6 | QDRS Informant | 10 | Attention and Concentration | 0 - Normal attention, concentration and interaction with his/her environment and surroundings 0.5 - Mild problems with attention, concentration, and interaction with environment and surroundings, may appear drowsy during day 1 - Moderate problems with attention and concentration, may have staring spells or spend time with eyes closed, increased daytime sleepiness 2 - Significant portion of the day is spent sleeping, not paying attention to environment, when having a conversation may say things that are illogical or not consistent with topic 3 - Limited to no ability to pay attention to external environment or surroundings |
| qdrs\_total\_informantma6c | QDRS Informant |  | QDRS Informant Total Score | Numeric: 0 - 10 |
| memory\_qdrspartma6 | QDRS Participant | 1 | Memory and Recall | 0 - No obvious memory loss or slight inconsistent forgetfulness that does not interfere with everyday function 0.5 - Consistent mild forgetfulness or partial recollection of events that may interfere with performing everyday activities; repeats questions/statements, misplaces items, forgets appointments 1 - Mild to moderate memory loss; more noticeable for recent events; interferes with performing everyday activities 2 - Moderate to severe memory loss; only highly learned information remembered; new information rapidly forgotten 3 - Severe memory loss, almost impossible to recall new information; long-term memory may be affected |
| orientation\_qdrspartma6 | QDRS Participant | 2 | Orientation | 0 - Fully oriented person, place, and time nearly all the time 0.5 - Slight difficulty keeping track of time; may forget day or date more frequently than in the past 1 - Mild to moderate difficulty keeping track of time and sequence of events' forgets month or year; oriented to familiar places but gets confused outside of familiar areas; gets lost or wanders 2 - Moderate to severe difficulty, usually disoriented to time and place (familiar and unfamiliar); frequently dwells in past 3 - Only oriented to their name, although may recognize family members |
| prbsolve\_qdrspartma6 | QDRS Participant | 3 | Decision Making and Problem Solving | 0 - Solves everyday problems; handles personal business and financial affairs well; decision-making abilities consistent with past performance 0.5 - Slight impairment or takes longer to solve problems; trouble with abstract concepts; decisions still sound 1 - Moderate difficulty with handling problems and making decisions; defers many decisions to others; social judgement and behavior may be slightly impaired; loss of insight 2 - Severely impaired in handling problems, making only simple personal decisions; social judgement and behavior often impaired; lacks insight 3 - Unable to make decisions or solve problems; others make nearly all decisions for patient |
| acthome\_qdrspartma6 | QDRS Participant | 4 | Activities Outside the Home | 0 - Independent in function at usual level of performance in profession, shopping, community activities, religious services, volunteering or social groups 0.5 - Slight impairment in these activities compared to previous performance; slight change in driving skills; still able to handle emergency situations 1 - Unable to function independently but still may attend and be engaged; appears "normal" to others; notable changes in driving skills; concern about ability to handle emergency situations 2 - No pretense of independent function outside the home; appears well enough to be taken to activities outside the family home but generally needs to be accompanied 3 - No independent function or activities; appear too ill to be taken to activities outside the home |
| hobby\_qdrspartma6 | QDRS Participant | 5 | Function at Home and Hobby Activities | 0 - Chores at home, hobbies and personal interests are well maintained compared to past performance 0.5 - Slight impairment or less interest in these activities; trouble operating appliances (particularly new purchases) 1 - Mild but definite impairment in home and hobby function; more difficult chores or tasks abandoned; more complicated hobbies and interests given up 2 - Only simple chores preserved, very restricted interest in hobbies which are poorly maintained 3 - No meaningful function in household chores or with prior hobbies |
| pershygiene\_qdrspartma6 | QDRS Participant | 6 | Toileting and Personal Hygiene | 0 - Fully capable of self-care (dressing, grooming, washing, bathing, toileting) 0.5 - Slight changes in abilities and attention to these activities 1 - Needs prompting to complete these activities but may still complete independently 2 - Requires some assistance in dressing, hygiene, keeping of personal item; occasionally incontinent 3 - Requires significant help with personal care and hygiene; frequent incontinence |
| behavior\_qdrspartma6 | QDRS Participant | 7 | Behavior and Personality Changes | 0 - Socially appropriate behavior in public and private; no changes in personality 0.5 - Questionable or very mild changes in behavior, personality, emotional control, appropriateness of choices 1 - Mild changes in behavior or personality 2 - Moderate behavior or personality changes, affects interactions with others; may be avoided by friends or distant family 3 - Severe behavior or personality changes; making interactions with others unpleasant or avoided all together |
| language\_qdrspartma6 | QDRS Participant | 8 | Language and Communication Abilities | 0 - No language difficulty or occasional word searching; reads and writes as well as in past 0.5 - Consistent mild word finding difficulties, using descriptive terms or takes longer to get point across, mild problems with comprehension, decreased conversation; may affect reading and writing 1 - Moderate word finding difficulty in speech, cannot name objects, marked reduction in work production; reduced comprehension, conversation, writing and/or reading 2 - Moderate to severe impairments in speech production or comprehension; has difficulty communicating thoughts to others; limited ability to read or write 3 - Severe deficits in language and communication; little to no understandable speech |
| mood\_qdrspartma6 | QDRS Participant | 9 | Mood | 0 - No changes in mood, interest, or motivation level 0.5 - Occasional sadness, depression, anxiety, nervousness or loss of interest/motivation 1 - Daily mild issues with sadness, depression, anxiety, nervousness or loss of interest/motivation 2 - Moderate issues with sadness, depression, anxiety, nervousness or loss of interest/motivation 3 - Severe issues with sadness, depression, anxiety, nervousness or loss of interest/motivation |
| concentrate\_qdrspartma6 | QDRS Participant | 10 | Attention and Concentration | 0 - Normal attention, concentration and interaction with his/her environment and surroundings 0.5 - Mild problems with attention, concentration, and interaction with environment and surroundings, may appear drowsy during day 1 - Moderate problems with attention and concentration, may have staring spells or spend time with eyes closed, increased daytime sleepiness 2 - Significant portion of the day is spent sleeping, not paying attention to environment, when having a conversation may say things that are illogical or not consistent with topic 3 - Limited to no ability to pay attention to external environment or surroundings |
| qdrs\_total\_participantma6c | QDRS Participant |  | QDRS Participant Total Score | Numeric: 0 - 10 |
| TRAILARRma6 | Trail Making Test | 1.a | Number of commission errors | Numeric: 0 - 40 |
| TRAILALIma6 | Trail Making Test | 1.b | Number of correct lines | Numeric: 0 - 24 |
| trailama6c | Trail Making Test | 1 | Part A: Total number of seconds to complete. | Numeric: 0 - 150 |
| TRAILBRRma6 | Trail Making Test | 2.a | Number of commission errors | Numeric: 0 - 40 |
| TRAILBLIma6 | Trail Making Test | 2.b | Number of correct lines | Numeric: 0 - 24 |
| trailbma6c | Trail Making Test | 2 | Part B: Total number of seconds to complete. | Numeric: 0 - 300 |
| letter\_readingma6 | WRAT-5 | 1 | Part 1: Letter Reading Raw Score (max 15) | Numeric: 0 - 15 |
| word\_readingma6 | WRAT-5 | 2 | Part 2: Word Reading Raw Score (max 55) | Numeric: 0 - 55 |
| WRAT5ma6c | WRAT-5 | 3 | Word Reading Total Raw Score (max 70) | Numeric: 0 - 70 |
| wrat5\_grade\_equivma6c | WRAT-5 |  | WRAT-5 Grade Equivalent | Text |