Supplementary table 1. Neuropsychological test battery used formal cognitive testing, performed by either a licensed psychologist or a speech and language pathologist, as part of routine clinical care for patient-reported cognitive changes.

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| Patient number | Neuropsychologist tests  |
| 1 | Hopkins adult reading testSalthouse perceptual comparison testDigit spanBrief test of attentionBoston naming test 30Brief visuospatial memory test - revisedRey complex figure test Hopkins verbal learning test - revisedWechsler Memory Scale IV: logical memoryPorteus maze testDelis-Kaplan executive function system: tower testDelis-Kaplan executive function system: color-word testDelis-Kaplan executive function system: trail making test Calibrated ideational fluency assessment Neuropsychological assessment battery judgementGrip strength |
| 2 | Mini mental state examWechsler memory scale IIIWechsler adult intelligence scale IIIRey-Osterreith complex figure Rey auditory verbal learning testBoston naming testControlled oral word associationBoston diagnostic aphasia examinationGrooved pegboard testTrail making test ATrail making test BStroop test |
| 3 | Wide range achievement test 4Judgement of line orientationCalifornia verbal learning test IIBrief visuospatial memory testSymbol-digit modalities testTrail making test ATrail making test BWechsler Memory Scale IV: digit spanLetter fluencyDelis-Kaplan executive function system: tower testReliable digit spanCalifornia verbal learning test II |
| 4 | Wechsler adult intelligence scale IVWide range achievement test 4Neuropsychological assessment batteryStroop testDelis-Kaplan executive function system: symbol digit codingDelis-Kaplan executive function system: shifting attention testDelis-Kaplan executive function system: reasoning testFinger tapping testFour part continuous performance testVerbal memory test |
| 5 | Prefrontal symptoms inventoryWechsler adult intelligence scale IVTrail making test A Trail making test BWechsler abbreviated scale intelligence IIHopkins verbal learning testRey-Osterreith complex figure Judgement of line orientationWisconsin card sorting testVerbal fluency |
| 6 | Grooved pegboard testWechsler adult intelligence scale IVDelis-Kaplan executive function system: trail making testWechsler adult intelligence scale IVCalifornia verbal learning test IIIWechsler memory scale IVDelis-Kaplan executive function system: verbal fluencyWisconsin card sorting test |
| 7 | Wechsler adult intelligence scale IVMini mental status examMattis dementia rating scaleTrail making test ATrail making test BCalifornia verbal learning testWisconsin card sorting testConfrontation namingVerbal fluencyWechsler memory scale 4 |
| 8 | Wechsler adult intelligence scale IIIWide range achievement test 4Boston naming test 30Verbal fluencyBakker-Brandt naming testHopkins verbal learning test – revisedBrief visuospatial memory test – revisedGrooved pegboard test |
| 9 | Mini mental state examHopkins adult reading testTrail making test ATrail making test BModified Wisconsin sorting testDigit SpanWechsler memory scale IV Verbal fluencyClock drawingBoston naming test 30Brief visuospatial memory test - revisedCalifornia verbal learning test IIWechsler memory scale IVGrooved pegboard testGrip Strength |
| 10 | Single word readingConfrontation namingVerbal fluencyGrip strengthSpecific test battery used not described for: auditory attention, divided attention, sequencing ability, story memory, recognition for stories, visual learning, verbal learning verbal abstract, novel problem solving |
| 11 | Verbal fluencyGrip strengthConfrontation namingSpecific test battery not described for: spatial judgement, verbal repetition, single word reading, confrontation naming, auditory attention, repetition task, verbal learning, short recall, delayed recall |
| 12 | Wechsler adult intelligence scale IVSpeeded visuomotor number sequencingSpeeded color namingBasic visuospatial figure copyVisuoconstruction with blocksClock drawing and copyIrregular word readingVocabulary knowledgeConfrontation namingVerbal fluencyVerbal list learningVisuospatial figure recall and recognition discriminationVisuomotor set shiftingResponse inhibitionProblem solvingFine motor speed |
| 13 | Hopkins verbal learning test – revisedTrail making test ATrail making test BStroop testWeschler adult intelligence scale IV digit spanBoston naming testVerbal fluencyReliable digit spanRey 15-item test |
| 14 | Judgement of line orientationCalifornia verbal learning test 3Brief visuospatial memory testTrial making test ATrail making test BSymbol digit modalities testWechsler adult intelligence scale IV: digit spanStroop testBoston naming testReliable digit spanRey 15-item test |
| 15 | Wide range achievement test 4Brief visuospatial memory testHopkins verbal learning testSymbol digit modalities test Grooved pegboard testTrail making test ATrail making test BWechsler adult intelligence scale III: digit spanVerbal fluencyWisconsin sorting test |
| 16 | Repeatable battery for the assessment of neuropsychological status |
| 17 | Grooved pegboard testBoston naming testRey-Osterrieth complex figureCalifornia verbal learning test IISymbol digit modalities test Brief visuospatial memory testWechsler adult intelligence scale IVVerbal fluencyWisconsin sorting testReliable digit span |
| 18 | Repeatable battery for the assessment of neuropsychological status |
| 19 | Repeatable battery for the assessment of neuropsychological status |
| 20 | Grooved pegboard testTrail making test AWechsler adult intelligence scale IV: digit spanWechsler adult intelligence scale IV: codingStroop testBoston naming testWechsler adult intelligence scale III: vocabularyWechsler adult intelligence scale III: block designJudgement of line orientationBrief visuospatial memory test - revisedCalifornia verbal learning test IIWechsler memory scale IV: logical memory |