

ADMINISTRATION AND SCORING

The Cognitive Log (Cog-Log) is designed to be a quick quantitative measure of cognition for use at bedside with rehabilitation patients. It is intended for individuals who have achieved consistent accurate orientation, such as measured by the Orientation Log (O-Log). The Cog-Log can be used to document cognitive progress on a daily basis when time is short, such as when rounding on patients. All items are scored from 0 to 3 for a total possible score of 30, which can be graphed for quick reference.

Date, Time, and Hospital Name: These are components of orientation that may present problems for even those who otherwise are oriented. Scoring is similar to scoring on the O-Log, with 3 points given for a spontaneous correct response, 2 points for a correct response with a logical cue, 1 point for a correct response to multiple choice, and 0 points if unable to generate a correct response at all.

Repeat Address: The person is asked to repeat one of the following addresses based on the day of the week. The person is informed that the address is not of anyone they know, but is presented simply as a test of memory. If repeated accurately three times, 3 points is assigned. Correct repetition on two occasions is awarded 2 points and 1 point is assigned for correct performance on one occasion. Zero points are awarded for no correct repetitions. All subjects hear and repeat the address three times. After the repetition phase, advise the person that recall of the address will be expected later.

Monday—John Brown, 42 Market Street, Chicago
Tuesday—Tim Smith, 84 Center Ave., Cleveland
Wednesday—Sally Jones, 23 North Blvd., Seattle
Thursday—Bill Jackson, 16 Maple Court, Houston
Friday—Judy Wilson, 75 Ocean Ave., Baltimore
Saturday—Bob Taylor, 37 Main Street, Los Angeles
Sunday—Susan Anderson, 58 River Road, Atlanta

20-1: The person is asked to count backwards from 20 to 1. Performance without error is assigned 3 points, one error is awarded 2 points, and two errors 1 point. More than two errors is assigned 0 points. Errors are corrected as they occur.

Months Reversed: The person is asked to say the months in reverse order beginning with December. The examiner can prompt the person by saying “December, November” and errors should be corrected as they occur. Prompting by the examiner to continue after stopping should be counted as an error. Performance without error is assigned 3 points, one error is awarded 2 points, two errors one point, and 3 or more errors 0 points.

30 Second Test: Without the benefit of a time piece the person is asked to estimate when 30 seconds has passed with the examiner stating “Beginning now.” If the person attempts to see a clock or watch the examiner should make an attempt to stop the behavior, but not to an extent that generates a confrontation. If the person insists on looking at a time piece the item is scored 0. Score 3 points for an estimation from 25-35 seconds, 2 points for a response from 20-24 or 36-40 seconds, 1 point for an estimate that is from 15-19 or 41-45 seconds, and 0 points for an estimate less than 15 seconds or beyond 45 seconds.

Fist-Edge-Palm: The examiner demonstrates the hand positions of fist, edge, and palm two times telling the person to “Watch what I do.” The person is then asked to repeat the sequence (either hand can be used) until told to stop by the examiner. Three correct repetitions is assigned 3 points, two repetitions 2 points, one repetition 1 point, and no repetitions 0 points.

Go/No-Go: The examiner instructs the person to “Raise your finger when I say red and then put it down. Do nothing if I say green.” One practice trial is allowed. The order of presentation thereafter is: red, green, green, red, green, red. Assign 3 points for correct response on each trial, 2 points for correct response on 4 or 5 trials, and 1 point if correct on 3 or fewer trial trials, and 0 points if correct on no trial.

Address Recall: The person is asked to recall the address presented earlier. Give 3 points for full, accurate recall, 2 points for partial spontaneous recall, and one point if any further information is recalled after the name of the person is provided as a prompt. If the person has no recall 0 points is assigned.