# BDS-2

Name: _____     Score  ☐

Birthdate: _____

Date of exam: _____

Education: _____     Handedness:  R   L   Mixed

1. **Tap twice with the right hand and once with the left in a series.** (10 reps after allowing practice.)
   3 - No errors. Task learned quickly and performed rapidly, smoothly, automatically, with little effort.
   2 - Generally smooth performance, but with 1 or 2 errors.
   1 - Three or 4 perseverative errors, *or* poor timing and slow, effortful performance with fewer errors.
   0 - Poor performance, 5 or more errors, or unable to perform the task despite recalling instructions.

2. **Tap twice with the left hand and once with the right in a series.** (10 reps after allowing practice.)
   3 - No errors. Task learned quickly and performed rapidly, smoothly, automatically, with little effort.
   2 - Generally smooth performance, but with 1 or 2 errors.
   1 - Three or 4 perseverative errors, *or* poor timing and slow, effortful performance with fewer errors.
   0 - Poor performance, 5 or more errors, or unable to perform the task despite recalling instructions.

3. **If I say "red," squeeze my hand. If I say "green," do nothing.** (15 repetitions)
   3 - No errors, and rapid responses to verbal stimuli.
   2 - Rapid responses to stimuli and no more than 1 error, or slow responses (~ 1-1.5 sec) and no errors.
   1 - Two to 4 errors, including errors on which patient catches him/herself, or response time > 2 sec.
   0 - More than 4 errors of either inhibition or initiation.

4. **If I tap twice, you tap once. If I tap once, you tap twice.** (10 repetitions)
   3 - No errors, and rapid responses to stimuli.
   2 - Rapid responses to stimuli and no more than 1 error, or slow responses (~ 1-1.5 sec) and no errors.
   1 - Two or 3 errors, or fewer errors and response time > 2 seconds.
   0 - More than 3 errors.

5. **Alternate touching of thumb and fingers.** (5 full repetitions after allowing practice.)
   3 - No errors. Task learned quickly and performed rapidly, relatively automatically, with little effort.
   2 - Learns task with at most a few errors. Movements become relatively automatic with practice.
   1 - Difficulty learning task. Patient makes many errors, or best performance remains deliberate and
       effortful. Improvement observed, but performance is never really automatic even after practice.
   0 - Failure to learn the task, or no improvement with practice unless examiner models task constantly.

6. **Fist - Edge - Palm**

    3 - No errors. Task learned quickly and performed rapidly, relatively automatically, with little effort.

    2 - Learns task with at most a few errors. Movements become relatively automatic with practice.

    1 - Difficulty learning task. Patient makes many errors, or best performance remains deliberate and effortful. Improvement observed, but performance is never really automatic even after practice.

    0 - Failure to learn the task, or no improvement with practice unless examiner models task constantly.

7. **Head's Test** (Correct first mirroring error, but count it as an error. Examiner and subject should return their hands to their laps and pause 2-3 seconds after copying each hand position to avoid mimicry.)

    ☐ Left fist beside head    ☐ Right index finger points to right eye    ☐ Left hand vertical, right hand horizontal, forming a "T"    ☐ Right hand with bent fingers under chin    ☐ Left hand to left ear

    3 - No errors.

    2 - One error.

    1 - Two or 3 errors.

    0 - More than 3 errors.

8. **Alphanumeric Sequencing**

    1  a  2  b  3  c  4  d  5  e  6  f  7  g  8  h  9  i  10  j  11  k  12  l

    3 - Completes task with no errors in 20 seconds or less.

    2 - Completes task with no errors in more than 20 seconds.

    1 - One to 3 errors.                    Time: ☐

    0 - More than 3 errors, or complete failure to finish the task.

9. **Insight rating**

    3 - Awareness of (in)accuracy of performance, and of its severity and significance, if performance is deficient.

    2 - Awareness of errors, but limited understanding of their severity or significance.

    1 - Partial and/or inconsistent awareness of deficient aspects of performance.

    0 - Completely lacking in ability to assess performance accurately and critically.

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**Questions to consider in assessing the patient's capacity for insight (for rating Item 9):**

- *Was the patient aware of making errors? Was this awareness consistent?*
- *Did the patient spontaneously express awareness of his/her errors? (e.g., comments, nonverbal reactions)*
- *Did the patient express awareness of his/her errors in response to the examiner's comments or questioning?*
- *Was the patient's awareness of his/her errors consistent across items?*
- *Did the patient accurately describe the nature and severity of his/her errors?*
- *Did the patient demonstrate awareness of the severity and/or significance of his/her errors?*