**Appendix**

**Mini-Mental State Examination (MMSE)\***

Patient’s Name: Date:

***Instructions: Score one point for each correct response within each question or activity.***

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| **Maximum**  **Score** | **Patient’s**  **Score** | **Questions** |
| 5 |  | “What is the year? Season? Date? Day? Month?” |
| 5 |  | “Where are we now? State? County? Town/city? Hospital? Floor?” |
| 3 |  | The examiner names three unrelated objects clearly and slowly, then the instructor asks the patient to name all three of them. The patient’s response is used for scoring. The examiner repeats them until patient learns all of them, if possible. |
| 5 |  | “I would like you to count backward from 100 by sevens.” (93, 86, 79,  72, 65, …)  Alternative: “Spell WORLD backwards.” (D-L-R-O-W) |
| 3 |  | “Earlier I told you the names of three things. Can you tell me what those were?” |
| 2 |  | Show the patient two simple objects, such as a wristwatch and a pencil, and ask the patient to name them. |
| 1 |  | “Repeat the phrase: ‘No ifs, ands, or buts.’” |
| 3 |  | “Take the paper in your right hand, fold it in half, and put it on the floor.” (The examiner gives the patient a piece of blank paper.) |
| 1 |  | “Please read this and do what it says.” (Written instruction is “Close your eyes.”) |
| 1 |  | “Make up and write a sentence about anything.” (This sentence must contain a noun and a verb.) |
| 1 |  | “Please copy this picture.” (The examiner gives the patient a blank piece of paper and asks him/her to draw the symbol below. All 10 angles must be present and two must intersect.) |
| 30 |  | TOTAL |

\* Folstein MF, Folstein SE, McHugh PR: “Mini-mental state: A practical method for grading the cognitive state of patients for the clinician.” *J Psychiatr Res* 1975;12:189-198.

**The Clock Drawing Test Instructions**

General Information: Provide the patient with an 8.5 x 11-in. blank sheet of paper and a pencil.

Set-up: Equipment required includes a blank sheet of paper, a sheet of paper with a clock on one side, a pen, and a chair/table for ease of drawing.

Patient Instructions (Rouleau, Salmon et al. 1992\*): The following instructions are given:

“I would like you to draw a clock, put in all the numbers, and set the

hands for 10 after 11.”

Following this condition, the patients should be instructed to copy, as accurately as possible, a clock from a model. The model should contain all the numbers on the clock, be 3 inches in diameter, and located on the upper part of an 8.5 x 11-inch sheet of paper. The hands on the model should be set for 10 after 11. The patient is then instructed to copy the

model on the lower part of the same sheet of paper.

* Instructions can be repeated if necessary
* Patients may use their non-dominant hand for drawing the clock

\* Rouleau, I., D. P. Salmon, et al. (1992). "Quantitative and qualitative analyses of clock drawings in Alzheimer's and Huntington's disease." Brain Cogn 18(1543577): 70-87.