

APPENDIX 6.4: BEHAVIORAL PATHOLOGY
IN ALZHEIMER'S DISEASE RATING SCALE

Resident's Name _____

Current Placement _____ Date _____ Sex ☐ M ☐ F

Birthdate _____ Age _____ Evaluator _____

Relationship to Resident: _____

PART 1: Symptomatology: Please check the best response based on the resident's current experience. Specify: _____ weeks.

Part A: Paranoid and delusional

1. "People are stealing things delusion"
 - ☐ (0) Not present
 - ☐ (1) Delusion that people are hiding objects
 - ☐ (2) Delusion that people are coming into the home and hiding objects or stealing objects
 - ☐ (3) Taking and listening to people coming into the home
2. "One's house is not one's home" delusion
 - ☐ (0) Not present
 - ☐ (1) Conviction that the place in which one is living—even temporarily—(e.g. nursing home, hospital) is not where one resides at that moment
 - ☐ (2) Attempt to leave domiciliary to "go home"
 - ☐ (3) Violence in response to attempts to forcibly restrict exit.
3. "Caregiver (or nurse or nursing aide) is an imposter" delusion
 - ☐ (0) Not present
 - ☐ (1) Conviction that caregiver is an imposter (e.g. doesn't work at institution; not responsible for daily care of subject)
 - ☐ (2) Anger towards caregiver for being an imposter
 - ☐ (3) Violence toward caregiver for being an imposter

From "Behavioral Symptoms in Alzheimer's Disease: Phenomenology and Treatment," by B. Reisberg, J. Borenstein, S. P. Salob, & S. H. Ferris, 1987, *Journal of Clinical Psychiatry*, 48 (Suppl.), pp. 9–15. Copyright 1986 by Barry Reisberg, MD. Reprinted with permission.

4. Delusion of "abandonment"
- ☐ (0) Not present
 - ☐ (1) Suspicion that caregiver may abandon the subject (e.g. stop care, desert, forget, leave)
 - ☐ (2) Accusation of a conspiracy to abandon
 - ☐ (3) Accusation of impending or immediate abandonment
5. Delusion of infidelity
- ☐ (0) Not present
 - ☐ (1) Conviction that caregiver is insincere, disloyal, deceitful, and/or fickle
 - ☐ (2) Anger toward caregiver for being disloyal, insincere, etc.
 - ☐ (3) Violence toward caregiver for being disloyal, insincere, etc.
6. Suspiciousness/paranoia (other than above)
- ☐ (0) Not present
 - ☐ (1) Suspicious (e.g. hiding objects that he/she may later be unable to locate)
 - ☐ (2) Paranoid (i.e. fixed conviction re suspicions and/or anger as a result of suspicions)
 - ☐ (3) Violence as a result of suspicions
 - ☐ Unspecified? _____
7. Delusions (other than above)
- ☐ (0) Not present
 - ☐ (1) Vague: not clearly defined
 - ☐ (2) Verbal or emotional manifestations as a result of delusions
 - ☐ (3) Physical actions or violence as a result of delusions
 - ☐ Unspecified? _____

Part B: Hallucinations

8. Visual hallucinations
- ☐ (0) Not present
 - ☐ (1) Vague: not clearly defined
 - ☐ (2) Clearly defined hallucinations of objects or persons (e.g. sees other people at the table)
 - ☐ (3) Verbal or physical actions or emotional responses to the hallucinations

9. Auditory hallucinations
- ☐ (0) Not present
 - ☐ (1) Vague: not clearly defined
 - ☐ (2) Clearly defined hallucinations of words or phrases
 - ☐ (3) Verbal or physical actions or emotional responses to the hallucinations
10. Olfactory hallucinations
- ☐ (0) Not present
 - ☐ (1) Vague: not clearly defined
 - ☐ (2) Clearly defined hallucinations (e.g. smells a fire or “something burning”)
 - ☐ (3) Verbal or physical actions or emotional responses to the hallucinations
11. Haptic (sense of touch) hallucinations
- ☐ (0) Not present
 - ☐ (1) Vague: not clearly defined
 - ☐ (2) Clearly defined hallucinations (e.g. “something is crawling on my body”)
 - ☐ (3) Verbal or physical actions or emotional responses to the hallucinations
12. Other hallucinations
- ☐ (0) Not present
 - ☐ (1) Vague: not clearly defined
 - ☐ (2) Clearly defined hallucinations
 - ☐ (3) Verbal or physical actions or emotional responses to the hallucinations
 - ☐ Unspecified? _____

Part C: Activity Disturbances

13. Wandering away from home or caregiver
- ☐ (0) Not present
 - ☐ (1) Somewhat, but not sufficient to necessitate restraint
 - ☐ (2) Sufficient to require restraint
 - ☐ (3) Verbal or physical actions or emotional responses to attempts to prevent wandering
14. Purposeless activity (cognitive abulia)
- ☐ (0) Not present
 - ☐ (1) Repetitive, purposeless activity (e.g. opening and closing pocketbook, packing and unpacking clothing,

repeatedly putting on and removing clothing, opening and closing drawers, insistent repeating of demands or questions)

- ☐ (2) Pacing or other purposeless activity sufficient to require restraint
- ☐ (3) Abrasions or physical harm resulting from purposeless activity

15. Inappropriate activity

- ☐ (0) Not present
- ☐ (1) Inappropriate activities (e.g. storing and hiding objects in inappropriate places, such as throwing clothing in wastebasket or putting empty plates in the oven; inappropriate sexual behavior, such as inappropriate exposure)
- ☐ (2) Present and sufficient to require restraint
- ☐ (3) Present, sufficient to require restraint, and accompanied by anger or violence when restraint is used

Part D: Aggressiveness

16. Verbal outbursts

- ☐ (0) Not present
- ☐ (1) Present (including unaccustomed use of foul or abusive language)
- ☐ (2) Present and accompanied by anger
- ☐ (3) Present, accompanied by anger, and clearly directed at other persons

17. Physical threats and/or violence

- ☐ (0) Not present
- ☐ (1) Threatening behavior
- ☐ (2) Physical violence
- ☐ (3) Physical violence accompanied by vehemence

18. Agitation (other than above)

- ☐ (0) Not present
- ☐ (1) Present
- ☐ (2) Present with emotional component
- ☐ (3) Present with emotional and physical component
- ☐ Unspecified? _____

Part E: Diurnal Rhythm Disturbances

19. Day/night disturbance

- ☐ (0) Not present
- ☐ (1) Repetitive awakenings during the night
- ☐ (2) 50% to 75% of former sleep cycle at night
- ☐ (3) Complete disturbance of diurnal rhythm (i.e. less than 50% of former sleep cycle at night)

Part F: Affective Disturbance

20. Tearfulness

- ☐ (0) Not present
- ☐ (1) Present
- ☐ (2) Present and accompanied by clear affective component
- ☐ (3) Present and accompanied by affective and physical component (e.g. "wrings hands" or other gestures)

21. Depressed mood: other

- ☐ (0) Not present
- ☐ (1) Present (e.g. occasional statement "I wish I were dead" without clear affective component)
- ☐ (2) Present with clear concomitants (e.g. thoughts of death)
- ☐ (3) Present with emotional and physical concomitants (e.g. suicidal gestures)

Part G: Anxieties and Phobias

22. Anxiety regarding upcoming events (Godot syndrome)

- ☐ (0) Not present
- ☐ (1) Present: repeated queries and/or other activities regarding upcoming appointments and/or events
- ☐ (2) Present and disturbing to caregivers
- ☐ (3) Present and intolerable to caregivers

23. Other anxieties

- ☐ (0) Not present
- ☐ (1) Present
- ☐ (2) Present and disturbing to caregivers
- ☐ (3) Present and intolerable to caregivers
- ☐ Unspecified? _____

24. Fear of being left alone

- ☐ (0) Not present
- ☐ (1) Present: vocalized fear of being alone
- ☐ (2) Vocalized and sufficient to require specific action on part of caregiver
- ☐ (3) Vocalized and sufficient to require patient to be accompanied at all times

25. Other phobias

- ☐ (0) Not present
- ☐ (1) Present
- ☐ (2) Present and sufficient magnitude to require specific action on part of caregiver
- ☐ (3) Present and sufficient to prevent patient activities
- ☐ Unspecified? _____

PART 2: Global Rating

With respect to the above symptoms, they are of sufficient magnitude as to be:

- ☐ (0) Not at all troubling to the caregiver or dangerous to the patient
- ☐ (1) Mildly troubling to the caregiver or dangerous to the patient
- ☐ (2) Moderately troubling to the caregiver or dangerous to the patient
- ☐ (3) Severely troubling to the caregiver or dangerous to the patient