ADAMS

CLINICAL HISTORY FIRST INFORMANT

A1. What is your relationship to (NAME)?

SPOUSE......................1
CHILD ..........................2
SIBLING .........................3
PARENT ..........................4
FRIEND ............................5
GUARDIAN .........................6
NEIGHBOR .........................7
OTHER (SPECIFY).................8
NA...................................97
DK.................................98
RF.................................99

SPECIFY:____________________________________

A2. How long have you known (NAME)?

YEARS ......................| | |

(DK = 98)

A3. On the average, in the past year, how often did you see (NAME)?

LIVES WITH SUBJECT .............1
DAILY............................2
SEVERAL TIMES/WEEK ...........3
ONCE A WEEK....................4
ONE-THREE TIME A MONTH .....5
LESS THAN ONCE A MONTH ....6
NEVER ............................7
OTHER (SPECIFY)...............8
NA...................................97
DK.................................98
RF.................................99

SPECIFY:____________________________________

A4. Subject Residence

Home/Family home................................. 1
Assisted Living................................. 2
Nursing/Convalescent Home (permanent) ........ 3
Hospital/Medical/Rehabilitation Center (temporary) 4
Other (Specify)................................. 5

Specify: ____________________________________

The Clinical and Medical History Interview were developed for the Aging, Demographics and Memory Study (ADAMS) by Brenda L. Plassman, Ph.D. and co-investigators. The Clinical History Interview is a modified version of the Dementia Questionnaire (Silverman, M.A. et al., Am J. Psychiatry, 1986, 143:1279-1282). Portions of this interview were drawn from the structured Clinical Dementia Rating Scale (CDR) interview and were used with permission from the NIA Alzheimer’s Disease Cooperative Study (NIA Grant AG10483).
## CLINICAL HISTORY SECOND INFORMANT

A1. What is your relationship to (NAME)?

<table>
<thead>
<tr>
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<th>Code</th>
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</thead>
<tbody>
<tr>
<td>SPOUSE</td>
<td>1</td>
</tr>
<tr>
<td>CHILD</td>
<td>2</td>
</tr>
<tr>
<td>SIBLING</td>
<td>3</td>
</tr>
<tr>
<td>PARENT</td>
<td>4</td>
</tr>
<tr>
<td>FRIEND</td>
<td>5</td>
</tr>
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<td>GUARDIAN</td>
<td>6</td>
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<tr>
<td>NEIGHBOR</td>
<td>7</td>
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<tr>
<td>OTHER (SPECIFY)</td>
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<tr>
<td>NA</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
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</tbody>
</table>

SPECIFY: __________________________________________

A2. How long have you known (NAME)?

<table>
<thead>
<tr>
<th>Years</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DK: 98</td>
</tr>
<tr>
<td>Skipped: 96</td>
<td></td>
</tr>
</tbody>
</table>

A3. On the average, in the past year, how often did you see (NAME)?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIVES WITH SUBJECT</td>
<td>1</td>
</tr>
<tr>
<td>DAILY</td>
<td>2</td>
</tr>
<tr>
<td>SEVERAL TIMES/WEEK</td>
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<tr>
<td>ONCE A WEEK</td>
<td>4</td>
</tr>
<tr>
<td>ONE-THREE TIME A MONTH</td>
<td>.5</td>
</tr>
<tr>
<td>LESS THAN ONCE A MONTH</td>
<td>.6</td>
</tr>
<tr>
<td>NEVER</td>
<td>7</td>
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<tr>
<td>OTHER (SPECIFY)</td>
<td>8</td>
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<tr>
<td>NA</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
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</tbody>
</table>

SPECIFY: __________________________________________

<table>
<thead>
<tr>
<th>Relationship</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPOUSE</td>
<td>1</td>
</tr>
<tr>
<td>CHILD</td>
<td>2</td>
</tr>
<tr>
<td>SIBLING</td>
<td>3</td>
</tr>
<tr>
<td>PARENT</td>
<td>4</td>
</tr>
<tr>
<td>FRIEND</td>
<td>5</td>
</tr>
<tr>
<td>GUARDIAN</td>
<td>6</td>
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<tr>
<td>NEIGHBOR</td>
<td>7</td>
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<tr>
<td>OTHER (SPECIFY)</td>
<td>8</td>
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<tr>
<td>NA</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>
Clinical History - Follow Up

This is a semi-structured interview. Please ask all of the questions, noting the skip patterns. Ask any additional questions necessary to meet the purposes of the interview. The purpose of the clinical history interview is to identify: 1) presence of cognitive problems, 2) type of cognitive problems, 3) current status of cognitive ability, 4) when cognitive problems began, and 5) when cognitive problems interfered with ability to function.

Memory

Now, I’d like to ask you some about questions about (NAME’s) memory and how (her/his) memory has changed since (s/he) got older.

1. Have you noticed that (s/he) has had more difficulty with memory or thinking than in the past?
   YES............................... 1
   NO(GO TO 3)...................... 5
   NOT ASKED/NOT ASSESSED.. 97
   DK(GO TO 3)........................98
   RF(GO TO 3)........................99

2. Is this a consistent problem?
   YES............................... 1
   NO ................................. 5
   NOT ASKED/NOT ASSESSED.. 97
   DK ..................................98
   RF ..................................99

3. Let’s talk about (her/his) memory for day to day happenings and events that happened recently.
   Can (s/he) recall recent events?
   USUALLY..........................1
   SOMETIMES........................2
   RARELY............................3
   NOT ASKED/NOT ASSESSED.. 97
   DK .................................98
   RF..................................99

4. Can (s/he) recall day to day happenings around the house? [code the most impaired task]:
   (Use the prompts below, as needed to get information for #4):
   Can (s/he) remember where (s/he) put things or where things are kept?
   Can (s/he) remember where to find things if they are put in a different place than usual?
   Can (s/he) remember what you tell (her/him) or (s/he) tells you?
   Can (s/he) remember a plan for daily activities, appts., phone calls?
   Can (s/he) remember conversations from a few days earlier?
   USUALLY..........................1
   SOMETIMES........................2
   RARELY............................3
   NOT ASKED/NOT ASSESSED.. 97
   DK .................................98
   RF..................................99

5. Can (s/he) remember a short list of items (shopping or things (s/he) needs to do)?
   USUALLY..........................1
   SOMETIMES........................2
   RARELY............................3
   NOT ASKED/NOT ASSESSED.. 97
   DK .................................98
   RF..................................99
6. Comments (examples of problems noted above):

[INTerviewER CHECKPOINT IF [\#1\neq 1] and [\#3\neq 2 or 3] and [\#4\neq 2 or 3] and [\#5\neq 2 or 3]; THEN GO TO 8]

7. When did you first notice these changes in (her/his) memory for day to day happenings [or (her/his) ability to remember a short list of items]?

<table>
<thead>
<tr>
<th>MO</th>
<th>YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>(MO DK = 98)</td>
<td>(YEAR DK=9998)</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>AGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>(DK = 998)</td>
</tr>
</tbody>
</table>

8. Now how about (her/his) memory for events that happened a while ago. Does (s/he) completely forget a major event (e.g. trip, party, family wedding) within a few weeks of the event?

<table>
<thead>
<tr>
<th>USUALLY</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOMETIMES</td>
<td>2</td>
</tr>
<tr>
<td>RARELY</td>
<td>3</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
</tbody>
</table>

| DK | 98 |
| RF | 99 |

9. Does (s/he) forget pertinent details of the major event?

<table>
<thead>
<tr>
<th>USUALLY</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOMETIMES</td>
<td>2</td>
</tr>
<tr>
<td>RARELY</td>
<td>3</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
</tbody>
</table>

| DK | 98 |
| RF | 99 |

10. Does (s/he) completely forget important information of the distant past about (herself/or himself) or family and friends (e.g. birth date, wedding date, place of employment, historical events, things that happened to (her/him) when (s/he) was young)?

<table>
<thead>
<tr>
<th>USUALLY</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOMETIMES</td>
<td>2</td>
</tr>
<tr>
<td>RARELY</td>
<td>3</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
</tbody>
</table>

| DK | 98 |
| RF | 99 |

11. Comments (examples of problems noted above):

[INTerviewER CHECKPOINT IF [\#8\neq 1 or 2] and [\#9\neq 1 or 2] and [\#10\neq 1 or 2]; THEN GO TO 13]
12. When did you first notice these changes in memory for events that happened a while ago or information (s/he) learned some time ago?

13. How about (her/his) memory for people’s names. Does (s/he) have more difficulty now than in the past remembering people’s names?

14. Can (s/he) remember the names of family and friends?

15. Can (s/he) remember the names of more distant acquaintances?

16. Comments (examples of problems noted above):

[INTERVIEWER CHECKPOINT IF [#13≠1] and [#14≠2 or 3] and [#15≠2 or 3]; THEN GO TO 18]

17. When did you first notice changes in remembering people’s names?

18. And how about memory for people’s faces. Does (s/he) have more difficulty than in the past recognizing familiar faces?

19. Comments (examples of problems noted above):
20. When did you first notice changes in recognizing people’s faces?

MO YEAR
(MO DK = 98)
(YEAR DK = 9998)

OR

AGE
(DK = 998)

*INTERVIEWER CHECKPOINT IF #7 and #12 and #17 and #20 not asked; GO TO Orientation

21. Did [all of] these memory problems we talked about begin suddenly or slowly?

SLOWLY ......................... 1
SUDDENLY ....................... 2
NOT ASKED/NOT ASSESSED.. 97
DK ............................... 98
RF................................. 99

22. Comments (example to support answer to above question):

23. Have these memory problems progressed or stayed stable over time?

PROGRESSED..................... 1
STABLE (GO TO 25), ............ 2
NOT ASKED/NOT ASSESSED.. 97
DK ............................... 98
RF................................. 99

24. [IF ONSET BEFORE MOST RECENT VISIT, ASK]

Have these [memory] problems gotten worse since we last visited (him/her)?

YES ..................................... 1
NO...................................... 5
SKIPPED, NOT APPLICABLE... 96
NOT ASKED/NOT ASSESSED.. 97
DK ............................... 98
RF................................. 99

25. Do these memory problems interfere with (her/his) activities of daily life [or would they have interfered with his/her activities of daily life a few years ago (or pre-retirement activities)]? For example, have they caused (her/him) to change (her/his) daily activities, caused difficulty in social activities, or in the way (s/he) relates to other people?

LITTLE............................. 1
SOME .............................. 2
MUCH .............................. 3
NO (GO TO 28).................... 5
NOT ASKED/NOT ASSESSED.. 97
DK (GO TO 28)..................... 98
RF(GO TO 28)..................... 99

26. When did they begin to interfere with (her/his) daily life?

MO YEAR

V:\SECURE\Sample\ADAMSiR\DataFiles\DukeDelivery\Forms\Final versions for Um 9 2009\clinhxu_FINAL 8_09 revised.doc
Orientation

Let's talk about (her/his) awareness of what the date is.

28. Have you noticed that (s/he) has more difficulty than in the past with this?  
   YES........................................1  
   NO.................................5  
   NOT ASKED/NOT ASSESSED..97  
   DK.....................................98  
   RF.....................................99

29. How often does (s/he) know the exact date of the month?  
   USUALLY..............................1  
   SOMETIMES..........................2  
   RARELY................................3  
   NOT ASKED/NOT ASSESSED..97  
   DK.....................................98  
   RF.....................................99

30. How often does (s/he) know the exact month?  
   USUALLY..............................1  
   SOMETIMES..........................2  
   RARELY................................3  
   NOT ASKED/NOT ASSESSED..97  
   DK.....................................98  
   RF.....................................99

31. How often does (s/he) know the exact year?  
   USUALLY..............................1  
   SOMETIMES..........................2  
   RARELY................................3  
   NOT ASKED/NOT ASSESSED..97  
   DK.....................................98  
   RF.....................................99

32. How often does (s/he) know the day of the week?  
   USUALLY..............................1  
   SOMETIMES..........................2  
   RARELY................................3  
   NOT ASKED/NOT ASSESSED..97  
   DK.....................................98  
   RF.....................................99

33. Does (s/he) have difficulty with time relationships (when events happened in relation to each other)?  
   USUALLY..............................1  
   SOMETIMES..........................2
34. Comments (examples of problems noted above):

35. When did you first notice these changes in knowing what the date is?

INTERVIEWER CHECKPOINT IF [#28 ≠ 1] and [#29≠2 or 3] and [#30≠2 or 3] and [#31≠2 or 3] and [#32≠2 or 3] and [#33≠1 or 2]; THEN GO TO 36

36. Let’s talk about (her/his) ability to find (her/his) way around places. Does (s/he) have more difficulty than in the past with finding (her/his) way around familiar streets outside (her/his) neighborhood?

37. How often does (s/he) have problems finding (her/his) way around familiar streets outside (her/his) neighborhood?

38. Does (s/he) have trouble getting from one place to another in (her/his) neighborhood?

39. How often does (s/he) have trouble getting from one place to another in (her/his) neighborhood?

40. Comment (examples of problems noted above – be sure that this is a change from the past):
41. When did you first notice this change in her/his ability to find (her/his) way around places outdoors?

   MO      YEAR
   (MO DK = 98)
   (YEAR DK=9998)
   OR
   AGE
   (DK = 998)

42. And now how about (her/his) ability to find (her/his) way around places indoors. Does (s/he) have more difficulty now than in the past finding (her/his) way about indoors, such as at the mall, in stores, or in (her/his) home?

   YES…………………………………………………………….
   NO (GO TO NEXT INTERVIEWER CHECKPOINT)............ 1
   NOT ASKED/NOT ASSESSED................................. 5
   DK (GO TO NEXT INTERVIEWER CHECKPOINT) ....... 97
   RF (GO TO NEXT INTERVIEWER CHECKPOINT) ...... 98

43. How often can (s/he) find (her/his) way about indoors? (code for most impaired environment)

   USUALLY…………………… 1
   SOMETIMES......................... 2
   RARELY............................. 3
   NOT ASKED/NOT ASSESSED.. 97
   DK..................................... 98
   RF..................................... 99

44. Comment (examples of problems noted above):

45. When did you first notice this change in (her/his) ability to find (her/his) way around indoors?

   MO      YEAR
   (MO DK = 98)
   (YEAR DK=9998)
   OR
   AGE
   (DK = 998)

46. Have these problems with knowing the date or finding (her/his) way around outdoors or indoors gotten worse over time? (Or if problems have recently started ask “Have these problems gotten worse in the past year?”)

   YES…………………………………… 1
   NO (GO TO 48)......................... 5
   NOT ASKED/NOT ASSESSED.. 97
47.  [IF ONSET BEFORE MOST RECENT VISIT, ASK]
Have they gotten worse since we last visited (him/her)?

<table>
<thead>
<tr>
<th>Answer</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>1</td>
</tr>
<tr>
<td>NO</td>
<td>5</td>
</tr>
<tr>
<td>SKIPPED/NOT APPLICABLE</td>
<td>96</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
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</tbody>
</table>

48.  Do these problems interfere with his/her activities of daily life [or would they have interfered with his/her activities of daily life a few years ago (or pre-retirement activities)]? For example, have they caused (her/him) to change her/his daily activities, caused difficulty in social activities, or in the way (s/he) relates to other people?

<table>
<thead>
<tr>
<th>Answer</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITTLE</td>
<td>1</td>
</tr>
<tr>
<td>SOME</td>
<td>2</td>
</tr>
<tr>
<td>MUCH</td>
<td>3</td>
</tr>
<tr>
<td>NO (GO TO 51)</td>
<td>5</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
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<tr>
<td>DK (GO TO 51)</td>
<td>98</td>
</tr>
<tr>
<td>RF (GO TO 51)</td>
<td>99</td>
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</tbody>
</table>

49.  When did these problems begin to interfere with (her/his) daily life?

<table>
<thead>
<tr>
<th>MO YEAR (MO DK = 98)</th>
<th>YEAR DK=9998</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

50.  Comments:

Language and Comprehension

51.  Let’s now talk about (her/his) language and (her/his) ability to understand what (s/he) hears and sees. Does (s/he) have a lot more trouble than in the past finding the right word or expressing (herself/or himself) clearly?

<table>
<thead>
<tr>
<th>Answer</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>1</td>
</tr>
<tr>
<td>NO</td>
<td>5</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

52.  Have you noticed that (s/he) talks less than before?

<table>
<thead>
<tr>
<th>Answer</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>LITTLE LESS</td>
<td>1</td>
</tr>
<tr>
<td>MUCH LESS</td>
<td>2</td>
</tr>
<tr>
<td>NO</td>
<td>5</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>
53. Compared to the past, does (s/he) a lot more often substitute words or make up words as (s/he) talks?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>No</td>
<td>5</td>
</tr>
<tr>
<td>Not Asked/Not Assessed</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

54. Does (s/he) a lot more often break off in the middle of a sentence, or show other signs of losing (her/his) train of thought?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>No (Go to Next Interviewer Checkpoint)</td>
<td>5</td>
</tr>
<tr>
<td>Not Asked/Not Assessed</td>
<td>97</td>
</tr>
<tr>
<td>DK (Go to Next Interviewer Checkpoint)</td>
<td>98</td>
</tr>
<tr>
<td>RF (Go to Next Interviewer Checkpoint)</td>
<td>99</td>
</tr>
</tbody>
</table>

55. If yes, how often does (s/he) show signs of losing (her/his) train of thought?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Usually</td>
<td>1</td>
</tr>
<tr>
<td>Sometimes</td>
<td>2</td>
</tr>
<tr>
<td>Rarely</td>
<td>3</td>
</tr>
<tr>
<td>Not Asked/Not Assessed</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

56. Comment (examples of problems noted above):

57. When did you first notice these changes in (her/his) speech and language?

MO      YEAR
(MO DK = 98)
(YEAR DK=9998)
OR
AGE
(DK = 998)

The next few questions are going to be about reading ability.

58. Did (s/he) learn to read during her/his life?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>No</td>
<td>5</td>
</tr>
<tr>
<td>Not Asked/Not Assessed</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

59. Has (s/he) been able to read newspapers, books, or magazines, either now or at an earlier time?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>No</td>
<td>5</td>
</tr>
<tr>
<td>Not Asked/Not Assessed</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
</tbody>
</table>
60. Has (s/he) been able to read well enough to fill out forms such as a job application, insurance form, or taxes, either now or at an earlier time?

   YES……………………………… 1
   NO……………………………… 5
   NOT ASKED/NOT ASSESSED… 97
   DK …………………………….. 98
   RF……………………………… 99

61. Now let’s talk about how well (s/he) understands language. Does (s/he) read books, magazines or the newspaper less than (s/he) used to?

   LITTLE LESS ……………………. 1
   MUCH LESS …………………….. 2
   NO ……………………………… 5
   NOT ASKED/NOT ASSESSED… 97
   DK …………………………….. 98
   RF……………………………… 99

62. Does (s/he) seem less able to understand what (s/he) reads?

   LITTLE LESS ……………………. 1
   MUCH LESS …………………….. 2
   NO ……………………………… 5
   NOT ASKED/NOT ASSESSED… 97
   DK …………………………….. 98
   RF……………………………… 99

63. Does (s/he) seem less able to understand what (s/he) sees on TV?

   LITTLE LESS ……………………. 1
   MUCH LESS …………………….. 2
   NO ……………………………… 5
   NOT ASKED/NOT ASSESSED… 97
   DK …………………………….. 98
   RF……………………………… 99

64. Does (s/he) have more difficulty than in the past understanding or following spoken instructions?

   LITTLE MORE …………………… 1
   MUCH MORE ……………………. 2
   NO ……………………………… 5
   NOT ASKED/NOT ASSESSED… 97
   DK …………………………….. 98
   RF……………………………… 99

65. Comment (examples of problems noted above):

   *INTERVIEWER CHECKPOINT IF [#62≠1or 2] and [#63≠1or 2] and [#64≠1 or 2] THEN GO TO 67

66. When did you first notice these changes in (her/his) ability to understand what s/he reads, sees on TV or what s/he is asked to do?

   MO      YEAR
   (MO DK = 98)
67. Does (s/he) have any problems with vision?

SOME (GO TO NEXT INTERVIEWER CHECKPOINT) ...................... 1
MUCH (GO TO NEXT INTERVIEWER CHECKPOINT) .................. 2
NO (OR ADEQUATELY CORRECTED) (GO TO 69) ..................... 5
NOT ASKED/NOT ASSESSED ........................................... 97
DK (GO TO 69) ............................................................. 98
RF (GO TO 69) ............................................................. 99

*INTERVIEWER CHECKPOINT IF ASKED #66, THEN ASK #68, OTHERWISE GO TO 69

68. How much are (her/his) problems with understanding what (s/he) reads and sees due to (her/his) problems with vision?

SOME ................................................................. 1
MUCH ................................................................. 2
NOT AT ALL ......................................................... 3
NOT ASKED/NOT ASSESSED ........................................ 97
DK ................................................................. 98
RF ................................................................. 99

69. Does (s/he) have any problems with (her/his) hearing?

YES, BUT HEARING AIDS CORRECT (GO TO CHECKPOINT BEFORE 71) .... 1
SOME (GO TO CHECKPOINT BEFORE 70) ........................................ 2
MUCH (GO TO CHECKPOINT BEFORE 70) ..................................... 3
NO (GO TO CHECKPOINT BEFORE 71) ........................................ 5
NOT ASKED/NOT ASSESSED ........................................... 97
DK ................................................................. 98
RF ................................................................. 99

*INTERVIEWER CHECKPOINT IF ASKED #66, THEN ASK #70; OTHERWISE GO TO NEXT CHECKPOINT

70. How much are (her/his) problems with language and understanding what (s/he) hears due to problems with hearing?

SOME ................................................................. 1
MUCH ................................................................. 2
NOT AT ALL ......................................................... 3
NOT ASKED/NOT ASSESSED ........................................ 97
DK ................................................................. 98
RF ................................................................. 99

*INTERVIEWER CHECKPOINT IF DID NOT ASK #66, THEN GO TO 78

71. Did these problems with language and comprehension begin suddenly or slowly?

SUDDENLY ..................................................... 1
SLOWLY ......................................................... 2
NOT ASKED/NOT ASSESSED .................................. 97
DK ................................................................. 98
72. Have they gotten worse over time? (Or if problems have recently started ask “Have these problems gotten worse in the past year?”)

| YES | 1 |
| NO (GO TO 75) | 5 |
| NOT ASKED/NOT ASSESSED | 97 |
| DK | 98 |
| RF | 99 |

73. [IF ONSET BEFORE MOST RECENT VISIT, ASK]
   Have these problems [with language and comprehension] gotten worse since we last visited (him/her)?

| YES | 1 |
| NO | 5 |
| SKIPPED/NOT APPLICABLE | 96 |
| NOT ASKED/NOT ASSESSED | 97 |
| DK | 98 |
| RF | 99 |

74. Comments (example to support answer to above question):

75. Do these problems with [language, understanding what s/he is told, sees on TV or reads] interfere with his/her activities of daily life [or would they have interfered with his/her activities of daily life a few years ago (or pre-retirement activities)]? For example, have they caused (her/him) to change her/his daily activities, caused difficulty in social activities, or in the way (s/he) relates to other people?

| LITTLE | 1 |
| SOME | 2 |
| MUCH | 3 |
| NO (GO TO 78) | 5 |
| NOT ASKED/NOT ASSESSED | 97 |
| DK (GO TO 78) | 98 |
| RF (GO TO 78) | 99 |

76. When did they begin to interfere with (her/his) daily activities?

MO      YEAR
(MO DK = 98)
(YEAR DK=9998)

OR

AGE
(DK = 998)

77. Comments:

Activities of Daily Living

78. These next questions are about daily activities. First, does (s/he) have more difficulty than in the past carrying out routine household tasks, such as using the telephone, preparing meals, cleaning, laundry, taking out garbage, yard work, simple maintenance and home repair?

V:\SECURE\Sample\ADAMSIR\DataFiles\DukeDelivery\Forms\Final versions for Um 9 2009\clinhxfu_FINAL 8_09 revised.doc
What household tasks does s/he have more difficulty with?

79. Use telephone?

NO DIFFICULTY (GO TO 81) .................... 1
SOME DIFFICULTY ........................... 2
MUCH DIFFICULTY ............................ 3
SKIPPED/N/A (GO TO 81) ................. 96
NOT ASKED/NOT ASSESSED (GO TO 81) .. 97
DK (GO TO 81) .................................. 98
RF (GO TO 81) .................................. 99

Specify: _________________________________

80. Are these difficulties due to problems with thinking and memory or to physical health problems?

THINKING & MEMORY ..................... 1
PHYSICAL HEALTH (SPECIFY) ........ 2
BOTH (SPECIFY) .......................... 3
NEITHER .................................. 4
NOT ASKED/NOT ASSESSED .......... 97
DK ........................................ 98
RF .......................................... 99

81. Preparing meals?

NO DIFFICULTY (go to 83) ................. 1
SOME DIFFICULTY ........................... 2
MUCH DIFFICULTY ............................ 3
SKIPPED/N/A (GO TO 83) ................. 96
NOT ASKED/NOT ASSESSED (GO TO 83) .. 97
DK (GO TO 83) .................................. 98
RF (GO TO 83) .................................. 99

Specify: _________________________________

82. Are these difficulties due to problems with thinking and memory or to physical health problems?

THINKING & MEMORY ..................... 1
PHYSICAL HEALTH (SPECIFY) ........ 2
BOTH (SPECIFY) .......................... 3
NEITHER .................................. 4
NOT ASKED/NOT ASSESSED .......... 97
DK ........................................ 98
RF .......................................... 99

83. Housework/cleaning?

NO DIFFICULTY (go to 85) ................. 1
SOME DIFFICULTY ........................... 2
MUCH DIFFICULTY ............................ 3
SKIPPED/N/A (GO TO 85) ................. 96
NOT ASKED/NOT ASSESSED (GO TO 85) .. 97
DK (GO TO 85) .................................. 98
RF (GO TO 85) .................................. 99

Specify: _________________________________

84. Are these difficulties due to problems with thinking and memory or to physical health problems?

THINKING & MEMORY ..................... 1
PHYSICAL HEALTH (SPECIFY) ........ 2
BOTH (SPECIFY) .......................... 3

Specify: _________________________________
85. Laundry?

NEITHER ........................................... 4
NOT ASKED/NOT ASSESSED ................. 97
DK .................................................. 98
RF .................................................. 99

86. Are these difficulties due to problems with thinking and memory or to physical health problems?

THINKING & MEMORY .......................... 1
PHYSICAL HEALTH (SPECIFY) .............. 2
BOTH (SPECIFY) .................................. 3
NEITHER .......................................... 4
NOT ASKED/NOT ASSESSED ................. 97
DK .................................................. 98
RF .................................................. 99

Specify: ________________________________

87. Taking out garbage?

NEITHER .......................................... 4
NOT ASKED/NOT ASSESSED ................. 97
DK .................................................. 98
RF .................................................. 99

88. Are these difficulties due to problems with thinking and memory or to physical health problems?

THINKING & MEMORY .......................... 1
PHYSICAL HEALTH (SPECIFY) .............. 2
BOTH (SPECIFY) .................................. 3
NEITHER .......................................... 4
NOT ASKED/NOT ASSESSED ................. 97
DK .................................................. 98
RF .................................................. 99

Specify: ________________________________

89. Yard work?

NEITHER .......................................... 4
NOT ASKED/NOT ASSESSED ................. 97
DK .................................................. 98
RF .................................................. 99

90. Are these difficulties due to problems with thinking and memory or to physical health problems?

THINKING & MEMORY .......................... 1
91. Simple home maintenance and repair?

| Specify: _____________________________ | PHYSICAL HEALTH (SPECIFY) ............. 2 |
| | BOTH (SPECIFY) .......................... 3 |
| | NEITHER .................................. 4 |
| | NOT ASKED/NOT ASSESSED .............. 97 |
| | DK .......................................... 98 |
| | RF .......................................... 99 |

92. Are these difficulties due to problems with thinking and memory or to physical health problems?

| Specify: _____________________________ | THINKING & MEMORY ...................... 1 |
| | PHYSICAL HEALTH (SPECIFY) ............ 2 |
| | BOTH (SPECIFY) .......................... 3 |
| | NEITHER .................................. 4 |
| | NOT ASKED/NOT ASSESSED .............. 97 |
| | DK .......................................... 98 |
| | RF .......................................... 99 |

93. Does (s/he) have more difficulty than in the past using familiar gadgets and appliances such as the VCR, microwave, or tools?

| Specify: _____________________________ | LITTLE ..................................... 1 |
| | SOME ......................................... 2 |
| | MUCH ......................................... 3 |
| | NO ............................................. 5 |
| | NOT ASKED/NOT ASSESSED .............. 97 |
| | DK .......................................... 98 |
| | RF .......................................... 99 |

94. Does (s/he) have more difficulty than in the past figuring out how to use new appliances or gadgets?

| Specify: _____________________________ | LITTLE ..................................... 1 |
| | SOME ......................................... 2 |
| | MUCH ......................................... 3 |
| | NO ............................................. 5 |
| | NOT ASKED/NOT ASSESSED .............. 97 |
| | DK .......................................... 98 |
| | RF .......................................... 99 |

95. Are these changes in working with gadgets and appliances due to problems with thinking and memory or to physical health problems.

| THINKING & MEMORY ...................... 1 |
| PHYSICAL HEALTH (SPECIFY) ............ 2 |

*[INTERVIEWER CHECKPOINT IF [#93≠1, 2, OR 3] and [#94≠1, 2, OR 3]; THEN GO TO NEXT CHECKPOINT]*
Specify: __________________________________________

BOTH (SPECIFY).......................... 3
NEITHER........................................ 4
NOT ASKED/NOT ASSESSED...........97
DK ............................................. 98
RF............................................. 99

INTERVIEWER CHECKPOINT IF - #78 = 1, 2, or 3, or #79 or #81 or #83 or #85 or #87 or #89 or #91 = 2 or 3 or #93 or #94=1, 2,or 3 THEN GO TO #96. OTHERWISE GO TO 98.

96. When did you first notice these changes in (her/his) ability to do household tasks [Items since #78]? 

MO      YEAR (MO DK = 98)  
(YEAR DK=9998) 
OR 

AGE (DK = 998)

97. [IF ONSET BEFORE MOST RECENT VISIT, ASK] 
Has (his/her) ability to do household tasks gotten worse since we last visited (him/her)?

YES........................................... 1
NO ........................................... 5
SKIPPED/NOT APPLICABLE... 96
NOT ASKED/NOT ASSESSED.. 97
DK ............................................. 98
RF............................................. 99

98. (Interviewer rating. No need to ask informant.) 
At which of the levels below is (s/he) able to perform household chores?

NORMAL FUNCTION IN USUAL ACTIVITIES................................. 1
FUNCTIONS IN USUAL ACTIVITIES BUT NOT AT USUAL LEVEL......... 2
FUNCTIONS INDEPENDENTLY IN SOME ACTIVITIES
(Operates appliances, such as a vacuum cleaner; prepares simple meals)............. 3
FUNCTIONS IN LIMITED ACTIVITIES ONLY
(With some supervision, washes dishes with acceptable cleanliness; sets table)....... 4
NO MEANINGFUL FUNCTION
(Performs simple activities, such as making a bed, only with much supervision)....... 5
NOT ASKED/NOT ASSESSED.................................................. 97
DK (GO TO 104)........................................... 98
RF(GO TO 104)........................................... 99

99. Now I have a few questions about her/his hobbies. Does (s/he) have more difficulty than in the past performing her/his hobbies? Hobbies may include things like sewing, painting, handicrafts, reading, entertaining, photography, and gardening, going to theater or symphony, woodworking, participation in sports.

LITTLE........................................ 1
SOME......................................... 2
MUCH........................................... 3
NO...(GO TO #104)....................... 5
NOT ASKED/NOT ASSESSED.. 97
DK (GO TO 104)......................... 98
RF(GO TO 104)......................... 99

100. What hobbies does s/he have more difficulty with or has s/he given up? (mark as many as applicable)

TV/RADIO................................. 1
GARDENING/YARD WORK ............ 2
101. What hobbies can (s/he) still do well (Mark as many as applicable)?

TV/RADIO……………………………………… 1
SEWING/KNITTING/MENDING ……………… 2
GARDENING/YARD WORK …………………… 3
READS……………………………………… 3
SEWING/KNITTING/MENDING ……………… 4
TRAVELS ……………………………………… 5
HUNTING/FISHING …………………………… 6
GAMES/CARDS/BINGO ……………………… 7
VISITS OTHERS/SOCIALIZES ………………… 8
EXERCISES …………………………………… 9
COOKING ……………………………………… 10
GOLF/ TENNIS/ EXERCISING ………………… 11
MOVIES ………………………………………… 12
OTHER (SPECIFY)…………………………… 13
NOT ASKED/NOT ASSESSED………………… 97

Specify: _________________________________
DK .................................................. 98
RF...................................................... 99

102. Are these changes due to problems with thinking and memory or physical health problems?

THINKING & MEMORY…………………. 1
PHYSICAL HEALTH (SPECIFY)………… 2
BOTH (SPECIFY)……………………… 3
NEITHER……………………………. 4
NOT ASKED/NOT ASSESSED………………… 97

Specify: ________________________________
DK .................................................. 98
RF...................................................... 99

103. When did you first notice these changes in (her/his) hobbies?

MO YEAR
(MO DK = 98)
(YEAR DK=9998)
OR
AGE
(AGE = 998)

Activities outside the home

104. I am now going to ask you about some activities outside the home. Did (s/he) ever drive a car?

YES……………………………………… 1
105. Does (s/he) drive a car now?

YES (GO TO 108)………………..1
NO ………………………………..5
NOT ASKED/NOT ASSESSED.. 97
DK (GO TO 110)…………………..98
RF (GO TO 110)………………….99

106. When did (s/he) stop driving?

MO      YEAR
(MO DK = 98)
(YEAR DK=9998)

OR

AGE
(DK = 998)

107. Did (s/he) stop because of memory or thinking problems?

YES (GO TO 110)………………..1
NO (GO TO 110)…………………. 5
NOT ASKED/NOT ASSESSED.. 97
DK (GO TO 110)…………………..98
RF (GO TO 110)………………….99

108. Does (s/he) have difficulty driving or take risks driving because of difficulties with memory or thinking?

YES……………………………..1
NO ………………………………..5
NOT ASKED/NOT ASSESSED.. 97
DK ………………………………..98
RF ………………………………..99

109. Comments (on driving questions):

110. Please tell me which of the following statements best describe his/her ability to travel:

ABLE TO DRIVE OWN CAR OR TO TRAVEL ALONE ON BUSES OR IN TAXI (GO TO 112)…….. 1
ABLE TO TRAVEL, BUT NEEDS SOMEONE TO TRAVEL WITH ……………………………….2
UNABLE TO TRAVEL……………………………………………………………………………..3
NOT ASKED/NOT ASSESSED……………………………………………………………………97
DK ……………………………………………………………………………………………………98
RF ……………………………………………………………………………………………………99

111. Are these problems with traveling due to problems with thinking and memory or to physical health problems?

THINKING & MEMORY………………1
PHYSICAL HEALTH (SPECIFY)……2
BOTH (SPECIFY)……………………3

Specify: _________________________________

V:\SECURE\Sample\ADAMSIR\DataFiles\DukeDelivery\Forms\Final versions for Um 9 2009\clinhxu_FINAL_8_09 revised.doc
112. Is (s/he) able to shop without help (independently for (her/his) needs if transportation is provided?

NEITHER………………………………..… 4
NOT ASKED/NOT ASSESSED…………… 97
DK…………………………………………  98
RF…………………………………………  99

USUALLY (GO TO 115)………………………… 1
SOMETIMES (shops for limited number of items,
buys duplicate items or forgets needed items)…… 2
RARELY OR NEVER
(needs to be accompanied on any shopping trip)… 3
NOT ASKED/NOT ASSESSED………………… 97
DK (GO TO 115)……………………………… 98
RF(go to 115)……………………………………… 99

113. Comments:

114. When did you first notice changes in (her/his) ability to shop independently?

MO   YEAR  (MO DK = 98)  
(YEAR DK=9998)

OR

AGE  (DK = 998)

115. Can (s/he) independently carry out social activities outside (her/his) home, such as going to church, visiting with friends or family, political activities, professional organizations, social clubs, service organizations, educational programs?

USUALLY (Meaningful participation in activities,
e.g. voting) (GO TO 123)………………………… 1
SOMETIMES (Limited and/or routine,
e.g. superficial participation in church or meetings,
trips to beauty parlor)…………………………… 2
RARELY OR NEVER (Generally unable to
perform activities without help)………………… 3
NOT ASKED/NOT ASSESSED………………… 97
DK (GO TO 123)…………………………… 98
RF(GO TO 123)…………………………………… 99

116. Comments:

117. When did you first notice these changes in (her/his) ability to independently do social activities?

MO   YEAR  (MO DK = 98)  
(YEAR DK=9998)
118. Are these changes due to problems with thinking and memory or physical health problems?

<table>
<thead>
<tr>
<th>THINKING &amp; MEMORY</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYSICAL HEALTH (SPECIFY) (GO TO 123)</td>
<td>2</td>
</tr>
<tr>
<td>BOTH (SPECIFY)</td>
<td>3</td>
</tr>
<tr>
<td>NEITHER (GO TO 123)</td>
<td>4</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK (GO TO 123)</td>
<td>98</td>
</tr>
<tr>
<td>RF (GO TO 123)</td>
<td>99</td>
</tr>
</tbody>
</table>

Specify: ____________________________

119. (If significantly impaired) ‘Is (s/he) taken to social functions outside the home?’

| YES (GO TO 121) | 1 |
| NO | 5 |
| SKIPPED/NOT APPLICABLE | 96 |
| NOT ASKED/NOT ASSESSED | 97 |
| DK (GO TO 121) | 98 |
| RF (GO TO 121) | 99 |

120. (If not taken) Why not?
Text field:

Judgement and Problem Solving

Now I am going to ask you about (NAME’s) ability to solve problems and handle money.
123. Does (s/he) have more difficulty than in the past taking care of financial tasks such as paying bills?

YES………………………1
NO …………………………5
NOT ASKED/NOT ASSESSED…97
DK ………………………..98
RF…………………………99

124. Rate (her/his) ability to handle complicated financial or business transactions (e.g. balancing checkbook, paying bills, doing banking, handling investments)?

NO LOSS…………………………1
SOME LOSS ..........................2
SEVERE LOSS ........................3
NOT ASKED/NOT ASSESSED…97
DK ………………………..98
RF…………………………99

125. Who handles the bills now in [her/his] home?

RESPONDENT………………….1
INFORMANT………………….2
OTHER RELATIVE………….3
OTHER (specify)…………….4
NOT ASKED/NOT ASSESSED..97
DK ………………………..98
RF…………………………99

Specify: __________________________________________

126. Is this a change and, if so, why was this change made?

R NO CHANGE (GO TO 128)……..1
OTHER NO CHANGE (GO TO 128)……2
CHANGE FROM R (specify)………..3
NOT ASKED/NOT ASSESSED……97
DK ………………………..98
RF…………………………99

Specify: __________________________________________

127. (If change from R) When did this change occur?

MO   YEAR
(MO DK = 98)   (YEAR DK=9998)
OR

AGE
(DK = 998)

128. Rate (her/his) ability to handle small sums of money (e.g. making change, leaving a small tip, shopping):

NO LOSS…………………………1
SOME LOSS ………………………2
SEVERE LOSS ………………………3
NOT ASKED/NOT ASSESSED…97
DK ………………………..98
RF…………………………99

129. Comment:

*INTERVIEWER CHECKPOINT IF [#123≠1] and [#124≠2 OR 3] and [#128≠2 OR 3] THEN GO TO 131
130. When did you first notice changes in (her/his) ability to handle money?

Mo  Year
(Mo DK = 98)

Or

Age
(DK = 998)

131. Please tell me which of the following statements best describe his/her ability to take his/her medicines:

- Able to prepare and take medications in the right dose at the right time (Go to 133) .................. 1
- Able to take medications, but needs reminding or someone to prepare them ......................... 2
- Unable to take medications ........................................ 3
- Not asked/not assessed ........................................ 97
- Dk ................................................................. 98
- Rf ................................................................. 99

132. Are these problems taking medication due to problems with thinking and memory or to physical health problems?

Specify: ____________________________________________

Thinking & Memory ........................................ 1
Physical Health (Specify) .................................... 2
Both (Specify) .................................................. 3
Neither ............................................................ 4
Not asked/not assessed ................................. 97
Dk ................................................................. 98
Rf ................................................................. 99

133. In general, if you had to rate (her/his) abilities to solve problems at the present time, would you consider them:

As good as they have ever been ............... 1
Good, but not as good as before ............... 2
Fair ................................................................. 3
Poor ............................................................... 4
No ability at all .............................................. 5
Not asked/not assessed ......................... 97
Dk ................................................................. 98
Rf ................................................................. 99

134. Do (her/his) ideas seem to be less logical, or does (s/he) make less sense than (s/he) used to?

Some less ............................................... 1
Much less ............................................... 2
No .............................................................. 5
Not asked/not assessed ......................... 97
Dk ................................................................. 98
Rf ................................................................. 99

135. Does (s/he) have more difficulty than in the past making decisions on everyday matters? Using (her/his) intelligence to understand what’s going on and to reason things through? (e.g., knowing how much food to buy or making decisions about car maintenance)?

Some more ............................................... 1
136. Do you have more trouble than in the past trusting (her/his) judgement? -- trusting (her/his) ability to make sound decisions about personal safety, family or financial matters?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUCH MORE....................</td>
<td>2</td>
</tr>
<tr>
<td>NO............................</td>
<td>5</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED...</td>
<td>97</td>
</tr>
<tr>
<td>DK ................................</td>
<td>98</td>
</tr>
<tr>
<td>RF................................</td>
<td>99</td>
</tr>
</tbody>
</table>

137. Comment:

```
*INTERVIEWER CHECKPOINT IF [#133=3, 4, OR 5] AND [#134=1 OR 2] AND [#135=1 OR 2] AND [#136=1 OR 2]
THEN GO TO 140
```

138. When did you first notice these changes?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES............................</td>
<td>1</td>
</tr>
<tr>
<td>NO.............................</td>
<td>5</td>
</tr>
<tr>
<td>SKIPPED/NOT APPLICABLE.......</td>
<td>96</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED......</td>
<td>97</td>
</tr>
<tr>
<td>DK ............................</td>
<td>98</td>
</tr>
<tr>
<td>RF..............................</td>
<td>99</td>
</tr>
</tbody>
</table>

139. [IF ONSET BEFORE MOST RECENT VISIT, ASK] Have these problems with (solving problems, handling money, trusting (his/her) judgement to make sound decisions) gotten worse since we last visited (him/her)?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES............................</td>
<td>1</td>
</tr>
<tr>
<td>NO.............................</td>
<td>5</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED......</td>
<td>97</td>
</tr>
<tr>
<td>DK ............................</td>
<td>98</td>
</tr>
<tr>
<td>RF..............................</td>
<td>99</td>
</tr>
</tbody>
</table>

140. Does (s/he) know how to respond to a household emergency (e.g. small fire, plumbing leak)?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS WELL AS BEFORE (GO TO 143)</td>
<td>......</td>
</tr>
<tr>
<td>WORSE THAN BEFORE BECAUSE OF TROUBLE THINKING</td>
<td>......</td>
</tr>
<tr>
<td>WORSE THAN BEFORE, ANOTHER REASON WHY (Specify)</td>
<td>......</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED........</td>
<td>97</td>
</tr>
<tr>
<td>DK (GO TO 143)..................</td>
<td>98</td>
</tr>
<tr>
<td>RF (GO TO 143)..................</td>
<td>99</td>
</tr>
</tbody>
</table>

141. Comment:

142. When did you first notice changes in (her/his) ability to respond to household emergencies?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS WELL AS BEFORE (GO TO 143)</td>
<td>......</td>
</tr>
<tr>
<td>WORSE THAN BEFORE BECAUSE OF TROUBLE THINKING</td>
<td>......</td>
</tr>
<tr>
<td>WORSE THAN BEFORE, ANOTHER REASON WHY (Specify)</td>
<td>......</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED........</td>
<td>97</td>
</tr>
<tr>
<td>DK (GO TO 143)..................</td>
<td>98</td>
</tr>
<tr>
<td>RF (GO TO 143)..................</td>
<td>99</td>
</tr>
</tbody>
</table>
143. Can (s/he) understand situations or explanations? (Does (s/he) understand what is going on around (her/him)?)

**USUALLY** (GO TO CHECKPOINT BEFORE 146)………… 1
**SOMETIMES** ..................................................... 2
**RARELY** .......................................................... 3
**NOT ASKED/NOT ASSESSED** ................................. 97
**DK** (GO TO CHECKPOINT BEFORE 146) .................. 98
**RF** (GO TO CHECKPOINT BEFORE 146) ................... 99

144. Comment:

145. When did you first notice changes in (her/his) ability to understand situations or explanations?

*INTERVIEWER CHECKPOINT IF [#140 = 2, 3] OR [#143 = 2, 3], AND IF ONSET BEFORE MOST RECENT VISIT, ASK 146. OTHERWISE GO TO 147.

146. [IF ONSET BEFORE MOST RECENT VISIT, ASK]

Have these problems with (responding to household emergencies and understanding situations or explanations) gotten worse since we last visited (him/her)?

**YES** ......................................................... 1
**NO** ........................................................... 5
**SKIPPED/NOT APPLICABLE** .............................. 96
**NOT ASKED/NOT ASSESSED** .................. 97
**DK** ......................................................... 98
**RF** ........................................................... 99

147. Does (s/he) behave appropriately (i.e. the way (s/he) has always behaved during (her/his) adult life) in social situations and interactions with other people?

**USUALLY** (GO TO PERSONAL CARE)........ 1
**SOMETIMES** .................................................. 2
**RARELY** ........................................................ 3
**NOT ASKED/NOT ASSESSED** .................. 97
**DK** (GO TO PERSONAL CARE) .................. 98
**RF** (GO TO PERSONAL CARE) .............. 99

148. Comment:

149. When did you first notice these changes?

*INTERVIEWER CHECKPOINT IF [#141 = 2, 3] OR [#144 = 2, 3] AND IF ONSET BEFORE MOST RECENT VISIT, ASK 146. OTHERWISE GO TO 147.
Personal Care

Now I am going to ask you about (NAME’s) ability to take care of her/his hygiene and do personal care tasks.

150. Does (s/he) have difficulty dressing himself/herself?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>1</td>
</tr>
<tr>
<td>NO</td>
<td>5</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

151. What type of difficulty?

Specify: ____________________________________________________________

Blessed Item – Dressing (If unclear how to code for Blessed, probe further) – Don’t Enter

<table>
<thead>
<tr>
<th>Difficulty</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNAIDED</td>
<td>1</td>
</tr>
<tr>
<td>OCCASIONALLY MISPLACES BUTTONS, ETC. REQUIRES MINOR HELP</td>
<td>2</td>
</tr>
<tr>
<td>WRONG SEQUENCES, FORGETS ITEMS, REQUIRES MUCH ASSISTANCE</td>
<td>3</td>
</tr>
<tr>
<td>UNABLE TO DRESS</td>
<td>4</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

152. Is this due to physical/health problems or memory/thinking problems?

Specify: ____________________________________________________________

<table>
<thead>
<tr>
<th>Reason</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>THINKING &amp; MEMORY</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICAL HEALTH (SPECIFY)</td>
<td>2</td>
</tr>
<tr>
<td>BOTH (SPECIFY)</td>
<td>3</td>
</tr>
<tr>
<td>NEITHER</td>
<td>4</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

153. Does (s/he) have difficulty feeding her/himself?

<table>
<thead>
<tr>
<th>Response</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>1</td>
</tr>
<tr>
<td>NO</td>
<td>5</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

154. What type of difficulty?

Specify: ____________________________________________________________

Blessed Item – Eating (If unclear how to code for Blessed, probe further) – Don’t Enter

<table>
<thead>
<tr>
<th>Eating Style</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEEDS SELF WITHOUT ASSISTANCE, CLEANLY AND USING PROPER UTENSILS</td>
<td>1</td>
</tr>
<tr>
<td>FEEDS SELF WITH MINOR ASSISTANCE AND/OR MESSILY AND USES MAINLY SPOON</td>
<td>2</td>
</tr>
<tr>
<td>FEEDS SELF WITH MUCH ASSISTANCE; EATS MAINLY SIMPLE SOLIDS ON HIS/HER OWN</td>
<td>3</td>
</tr>
<tr>
<td>HAS TO BE FED</td>
<td>4</td>
</tr>
<tr>
<td>NOT ASKED/NOT ASSESSED</td>
<td>97</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>
155. Is this due to physical/health problems or memory/thinking problems?

Specify: ____________________________

THINKING & MEMORY .................. 1
PHYSICAL HEALTH (SPECIFY) ....... 2
BOTH (SPECIFY) ........................ 3
NEITHER ................................. 4
NOT ASKED/NOT ASSESSED........... 97
DK ......................................... 98
RF ......................................... 99

156. Does (s/he) have difficulty bathing or washing?

YES ............................................. 1
NO (GO TO 159) ............................. 5
NEITHER ..................................... 4
NOT ASKED/NOT ASSESSED .......... 97
DK (GO TO 159) ............................. 98
RF (GO TO 159) ............................. 99

157. If yes, what type of difficulty?

Specify: ____________________________

THINKING & MEMORY .................. 1
PHYSICAL HEALTH (SPECIFY) ....... 2
BOTH (SPECIFY) ........................ 3
NEITHER ................................. 4
NOT ASKED/NOT ASSESSED........... 97
DK ......................................... 98
RF ......................................... 99

158. Is this due to physical/health problems or memory/thinking problems?

Specify: ____________________________

THINKING & MEMORY .................. 1
PHYSICAL HEALTH (SPECIFY) ....... 2
BOTH (SPECIFY) ........................ 3
NEITHER ................................. 4
NOT ASKED/NOT ASSESSED........... 97
DK ......................................... 98
RF ......................................... 99

159. Does (s/he) need prompting to get dressed, to wash or do other hygiene tasks?

YES ............................................. 1
NO ............................................. 5
NOT ASKED/NOT ASSESSED .......... 97
DK ......................................... 98
RF ......................................... 99

160. Does (s/he) have difficulty performing well-learned tasks such as tying shoes, tying a tie, putting on clothes in the correct order, or brushing teeth?

YES ............................................. 1
NO ............................................. 5
NOT ASKED/NOT ASSESSED .......... 97
DK ......................................... 98
RF ......................................... 99

*INTERVIEWER CHECKPOINT IF #150=1, ASK A; IF #153 = 1, ASK B; IF #156 = 1, ASK C; IF #160 = 1, ASK D

161. When did these difficulties begin?

A. DRESSING

TM TM TM TM TM TM TM TM
MO YEAR
(MO DK=98)
(YEAR DK=9998)
B. FEEDING

162. Does (s/he) have difficulties controlling (her/his) bladder at least once a month?

YES…………………………………….. 1
NO (GO TO 166).………………………… 5
NOT ASKED/NOT ASSESSED…………. 97
DK (GO TO 166).………………………. 98
RF(GO TO 166)………………………… 99

C. BATHING

163. How frequently does (s/he) have problems?

DAILY……………………………………... 1
ONCE A WEEK…………………………… 2
1-3 TIMES/MONTH……………………… 3
NOT ASKED/NOT ASSESSED………….. 97
DK ................................................. 98
RF................................................ 99

D. WELL-LEARNED TASKS

164. When did you first notice this difficulty with controlling (her/his) bladder?

165. Do you think this difficulty is due to physical/health reasons or due to problems with memory and thinking?
166. Does (s/he) have difficulties controlling (her/his) bowels at least once a month?

YES……………………………… 1
NO (GO TO BLESSED ITEM)………… 5
NOT ASKED/NOT ASSESSED……… 97
DK (GO TO BLESSED ITEM)………… 98
RF (GO TO BLESSED ITEM)……….. 99

167. How frequently does (s/he) have problems?

DAILY……………………………………... 1
ONCE A WEEK…………………………… 2
1-3 TIMES/MONTH……………………… 3
NOT ASKED/NOT ASSESSED…………… 97
DK……………………………………… 98
RF………………………………………. 99

168. When did you first notice this difficulty with controlling (her/his) bowels?

MO      YEAR
(MO DK=98)
(YEAR DK=9998)
OR

AGE
(DK = 998)

169. Do you think this problem is due to physical/health reasons or due to problems with memory and thinking?

THINKING & MEMORY………………… 1
PHYSICAL HEALTH (SPECIFY)……… 2
BOTH (SPECIFY)……………………….. 3
NEITHER……………………………… 4
NOT ASKED/NOT ASSESSED………… 97
DK…………………………………… 98
RF…………………………………….. 99

Blessed Item – Toilet (If unclear how to code for Blessed, probe further) – Don’t Enter

CLEANS, CARES FOR SELF AT TOILET……………………………… 1
OCCASIONAL INCONTINENCE OR NEEDS TO BE REMINDED…… 2
FREQUENT INCONTINENCE OR NEEDS MUCH ASSISTANCE……… 3
LITTLE OR NO CONTROL……………………………………… 4
NOT ASKED/NOT ASSESSED…………………………………… 97
DK………………………………………………………… 98
RF………………………………………………………….. 99

Personality
170. In addition to the changes we have already discussed, have you noticed any changes in (NAME’s) personality or behavior over time? For example, has (s/he) been less conscientious, considerate, sociable, flexible, more irritable, more suspicious, or argumentative?

| A LITTLE CHANGE | 1 |
| A BIG CHANGE | 2 |
| NO CHANGE (GO TO 174) | 3 |
| NOT ASKED/NOT ASSESSED | 97 |
| DK (GO TO 174) | 98 |
| RF (GO TO 174) | 99 |

171. Which of these personality changes or behaviors does s/he have (MARK ALL THAT APPLY)?

LESS CONSCIENTIOUS/CONSIDERATE ... 1
LESS SOCIABLE ... 2
LESS FLEXIBLE ... 3
MORE IRRITABLE ... 4
MORE SUSPICIOUS ... 5
MORE ARGUMENTATIVE ... 6
MAKES INAPPROPRIATE COMMENTS ... 7
BEHAVES INAPPROPRIATELY ... 8
OTHER (SPECIFY) ... 9

SPECIFY: __________________________

NOT ASKED/NOT ASSESSED ... 97
DK ... 98
RF ... 99

172. Comment:

173. When did you first notice changes in (her/his) personality or behavior?

MO YEAR
(MO DK = 98)
(YEAR DK = 9998)
OR

AGE
(DK = 998)

174. Has (s/he) become more dependent on you?

A LITTLE MORE ... 1
A LOT MORE ... 2
NO ... 5
NOT ASKED/NOT ASSESSED ... 97
DK ... 98
RF ... 99

175. Comment:

176. Do you do more for (her/him) than you used to do?

A LITTLE MORE ... 1
A LOT MORE ... 2
NO (GO TO NEXT CHECKPOINT) ... 5
NOT ASKED/NOT ASSESSED ... 97
DK (GO TO NEXT CHECKPOINT) ... 98
RF (GO TO NEXT CHECKPOINT) ... 99
177. Do you do more for (her/him) than you used to because of:

THINKING & MEMORY………………… 1
PHYSICAL HEALTH (SPECIFY)……… 2
BOTH (SPECIFY)……………………3
NEITHER……………………………4
NOT ASKED/NOT ASSESSED………..97
DK…………………………………..98
RF…………………………………..99

Specify:__________________________________________

178. Comment:

179. When (s/he) seems to be having trouble with her/his memory or other problems does it make (her/him) more nervous or frustrated than in the past?

A LITTLE MORE…………………… 1
A LOT MORE……………………… 2
NO………………………………… 5
SKIPPED/NOT APPLICABLE………… 96
NOT ASKED/NOT ASSESSED……….97
DK…………………………………..98
RF…………………………………..99

180. Comment:

181. Were you the first person to notice (NAME’s) problems with memory and thinking?

YES (GO TO 184)…………………… 1
NO ………………………………… 5
SKIPPED/NOT APPLICABLE………… 96
NOT ASKED/NOT ASSESSED……….97
DK…………………………………..98
RF…………………………………..99

182. If not informant, who was the 1st person to notice changes?

SPECIFY:________________________________________

183. RELATIONSHIP TO RESPONDENT:

SPOUSE…………………………….1
CHILD ………………………………2
SIBLING ……………………………3
PARENT ……………………………4
FRIEND……………………………5
GUARDIAN…………………………6
NEIGHBOR…………………………7
OTHER (SPECIFY)……………………8
NOT ASKED/NOT ASSESSED……….97
DK…………………………………..98

SPECIFY:________________________________________
184. Do the memory (language) problems fluctuate from day-to-day to such an extent that some days (s/he) seems normal and other days (s/he) has very marked problems?

YES…………………………………... 1
NO ………………………………….. 5
SKIPPED/NOT APPLICABLE………… 96
NOT ASKED/NOT ASSESSED…….. 97
DK…………………………………… 98
RF……………………………………… 99

185. Comments:

186. Does (her/his) level of alertness fluctuate day-to-day to the extent that some days (s/he) can barely stay awake and some days (s/he) is quite awake and alert?

YES……………………………………… 1
NO …………………………………….. 5
SKIPPED/NOT APPLICABLE………… 96
NOT ASKED/NOT ASSESSED……… 97
DK……………………………………… 98
RF……………………………………… 99

187. Comments:

**Occupational History**

188. AT TIME OF LAST VISIT, RESPONDENT WAS RETIRED ………………………………………………………. 1
    AT TIME OF LAST VISIT, RESPONDENT WAS STILL WORKING………………………………………………. 2
    SKIPPED/NOT APPLICABLE……………………………………………………………………………………... 96
    DK…………………………………………………………………………………………………………………... 98

**Interviewer Checkpoint**

*INTERVIEWER CHECKPOINT IF ANY PROBLEMS NOTED HAVE INTERFERED WITH DAILY ACTIVITIES
ASK 184 & 186

189. Is [Name] currently employed?

YES………………………………………………………………………….. 1
NO (GO TO 192)…………………………………………………………… 5
N/A (never worked outside the home) (GO TO 197)……………….. 3
NOT ASKED/NOT ASSESSED………………………………………… 97
DK………………………………………………………………………….. 98
RF………………………………………………………………………….. 99

190. What type of work? _______________________________
191. Is (s/he) having significant trouble at work because of memory or thinking problems? (e.g. missed promotion, poorer evaluations, or anything that might indicate (s/he) is not working as well as in the past).

- USUALLY (GO TO 196)……………… 1
- SOMETIMES (GO TO 196)……………… 2
- RARELY OR NEVER (GO TO 197)…… 3
- NOT ASKED/NOT ASSESSED……… 97
- DK(GO TO 197)………………………… 98
- RF(GO TO 197)……………………….… 99

192. At what age did (s/he) retire? ______

193. What kind of work did (s/he) do?________________________

194. Why did (s/he) retire?___________________________

- REACHED RETIREMENT AGE/TIRED OF WORKING… 1
- HEALTH PROBLEMS…………………………………… 2
- POSITION ELIMINATED………………………………… 3
- OTHER(SPECIFY)……………………………………… 4
- NOT ASKED/NOT ASSESSED…………………………… 97
- DK………………………………………………………… 98
- RF………………………………………………………… 99

Specify: ______________________________

195. Did memory or thinking problems contribute to (her/his) decision to retire?

- YES……………………………………… 1
- NO (GO TO 197)……………………… 5
- NOT ASKED/NOT ASSESSED……… 97
- DK(GO TO 197)………………………… 98
- RF(GO TO 197)……………………… 99

196. When did these problems begin?

 begging

- CURRENT ACTIVITIES

197. Please describe NAME’S typical day.
198. What are (her/his) major interests and activities now?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

199. Have there been any major changes in (her/his) activities or interests?

Specify ____________________________________________

YES (specify)…………………………………… 1
NO………………………………………………. 5
NOT ASKED/NOT ASSESSED………………. 97
DK……………………………………………… 98
RF……………………………………………… 99