ICPSR 4248

ACTIVE (Advanced Cognitive Training for Independent and Vital Elderly), 1999-2001 [United States]

Sharon Tennstedt
New England Research Institutes

John Morris Hebrew Senior Life-Boston

Frederick Unverzagt Indiana University

George Rebok

Johns Hopkins University

Sherry Willis
Pennsylvania State University

Karlene Ball University of Alabama-Birmingham

Michael Marsiske University of Florida

Form 710 AN1 and AN2 Abbreviated Battery, Level 2 Codebook

Inter-university Consortium for Political and Social Research P.O. Box 1248 Ann Arbor, Michigan 48106 www.icpsr.umich.edu

Terms of Use

The terms of use for this study can be found at: http://www.icpsr.umich.edu/cocoon/ICPSR/TERMS/4248.xml



ABBREVIATED BATTERY PART 2 (Level II only)

ANNUAL POST-TEST FORM #710

A1.	Study ID#:	Label	
A2.	Visit #: AB3	AB4 (circle one)	
A3.	Form Version:	05/05/1999	
A4.	Primary Tester	D#/Initials:	
A5.	Date Completed	://	

VISIT	Frequency	Percent	Cum Freq	Cum Percent
A3	9	56.25	9	56.25
A4	7	43.75	16	100.00

SECTION G:	MMSE
D=01101	

The next series of questions are designed to measure your mental abilities related to memory and arithmetic. Some of the questions may seem easy, some may seem hard. Just do the best you can.

RESPONSE

SCORE

G1a.	What y	rear is it?				G1a
		MMSE1A	Frequency	Percent	Cum Freq	Cum Percent
		-1	1	6.25	1	6.25
		1	15	93.75	16	100.00
b.	What s	eason is it?				_ G1b.
		MMSE1B	Frequency	Percent	Cum Freq	Cum Percent
		-1	1	6.25	1	6.25
		0	2	12.50	3	18.75
		1	13	81.25	16	100.00
c.	What is	s today's date?				G1c
		MMSE1C	Frequency	Percent	Cum Freq	Cum Percent
		-1	1	6.25	1	6.25
		0	3	18.75	4	25.00
		1	12	75.00	16	100.00

d.	What day of the week is it?	G1d.

MMSE1D	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	15	93.75	16	100.00

e.	What month is it?	Gle.

MMSE1E	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	15	93.75	16	100.00

G2a.

MMSE2A	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	15	93.75	16	100.00

b. What county are we in?

MMSE2B	Frequency	Percent	Cum Freq	Cum Percent
-8	1	6.25	1	6.25
-1	1	6.25	2	12.50
1	14	87.50	16	100.00

c.	What town	(city)	are	we	in?
----	-----------	--------	-----	----	-----

MMSE2C	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	15	93.75	16	100.00

d. What building or place are we in?

MMSE2D	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
0	2	12.50	3	18.75
1	13	81.25	16	100.00

Δ	What	floor	are	MA	on?
е.	winai	TIOOF	are	W =	

MMSE2E	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	15	93.75	16	100.00

G3. Now I am going to name three objects. When I finish I would like you to repeat them back to me. Ready? The objects are **penny**, **apple**, and **table**. (PAUSE) Now repeat them back to me.

PENNY APPLE TABLE

α		
1 - 2		
G3.		

MMSE3	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
3	15	93.75	16	100.00

Thank you. Now try to remember these objects because I will ask you to repeat them again later.

G4. Now I will ask you to complete a counting exercise. Please begin counting with 100 and count backwards by 7s. Keep going until I ask you to stop.

G4.

MMSE4	Frequency	Percent	Cum Freq	Cum Percent
-7	2	12.50	2	12.50
-1	1	6.25	3	18.75
1	3	18.75	6	37.50
3	2	12.50	8	50.00
4	2	12.50	10	62.50
5	6	37.50	16	100.00

G4a.	Please spell	the word	WORLD	backwards
------	--------------	----------	-------	-----------

DLROW G4a. ____ ___ ____

MMSE4A	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
DLORW	1	6.25	2	12.50
DLOW	1	6.25	3	18.75
DLROW	13	81.25	16	100.00

G5.	Remember the 3 objects I asked you to repeat back to me
	earlier? Please repeat them back to me now.

PENNY	APPLE	TABLE
-------	-------	--------------

G5.

MMSE5	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	2	12.50	3	18.75
2	8	50.00	11	68.75
3	5	31.25	16	100.00

G6. Now I am going to ask you to name 2 objects when I point to them. FOR EACH ITEM ASK: What is this called?

PENCIL WATCH

$C\epsilon$			
G6.			

MMSE6	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
2	15	93.75	16	100.00

G7. Now I will say a phrase and I want you to repeat it back to me.

The phrase is: **no ifs, ands, or buts**.

G7.		
υ / .		

MMSE7	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
0	7	43.75	8	50.00
1	8	50.00	16	100.00

G8. I am going to give you a set of instructions to follow. Please listen to them all and then do as they say. Ready?

Take the paper in your right hand. Fold the paper in half.

Put the paper on the table.

G8.		

MMSE8	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
2	6	37.50	7	43.75
3	9	56.25	16	100.00

G9.	I am going to show you a card with some instructions on it.
	Read the instructions and do what they say.

CLOSE YOUR EYES

MMSE9	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	15	93.75	16	100.00

G10. Now I would like you to write a complete sentence of your own choice. Here is a pencil and a piece of paper on which to write the sentence.

G10.		

MMSE10	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	15	93.75	16	100.00

G11. Now I am going to show you a card with a design printed on it. I want you to copy this design as closely as you can. Here is a piece of paper and a pencil.

G11.			

MMSE11	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
1	15	93.75	16	100.00

NOTE: DO NOT INCLUDE G4a IN TOTAL MMSE SCORE

MMSETOTL	Frequency	Percent	Cum Freq	Cum Percent
-1	1	6.25	1	6.25
19	1	6.25	2	12.50
22	1	6.25	3	18.75
23	2	12.50	5	31.25
25	1	6.25	6	37.50
26	4	25.00	10	62.50
27	2	12.50	12	75.00
29	1	6.25	13	81.25
30	3	18.75	16	100.00

SECTION I: TIMED IADL

Now I want you to perform 5 different types of tasks for me. These are similar to tasks you might do in your everyday activities. You might think that some of them are very easy, and you might find others more challenging. I will be timing you in each of these activities, so please stay focused on the task. If you normally wear glasses for reading or up close work, you should put these on before we start.

TASK A FINDING A TELEPHONE NUMBER

For the first task, I will give you the name of a person I want you to look up in the phone book. When you find the number I want you to say it out loud so I can hear you. The name of the person I want you to look up is **Billy F. Moore. That's, m-o-o-r-e.** Will you repeat that name back to me?

IF CORRECT, PROCEED.

IF INCORRECT, REPEAT THE NAME TO THE SUBJECT.

MAKE SURE YOUR STOPWATCH IS READY.

Here is the phone book. Go ahead and look up the number for Billy F. Moore for me. Remember, when you find the number, call it out loud so I can hear you.

START THE TIMER WHEN THE PERSON OPENS THE PHONE BOOK.

ALLOWABLE PROMPTS: TARGET NAME ONLY, SPELLED OUT AGAIN IF NECESSARY.

STOP THE TIMER WHEN THE SUBJECT IS FINISHED CALLING OUT THE NUMBER.

RECORD THE TIME, AND CHECK THE APPROPRIATE ACCURACY CATEGORY.

TASK A: FINDING A TELEPHONE NUMBER CORRECT NUMBER = 631-3631 II. TIME |__|: |__| TIME LIMIT IS 3 MINUTES

Ana	Analysis Variable : c1tim				
	Mea		Minimu		Maximu
N	n	SD	m	Median	m
15	73.7	58.9	10.9	58.7	180.0

			Cum Fre	
c1tim	Frequency	Percent	q	Cum Percent
	1	100.00	1	100.00

I2.	ACCURACY CATEGORY:
	COMPLETED CORRECTLY1
	COMPLETED INCORRECTLY
	NOT COMPLETED WITHIN THE TIME LIMIT (3 MINUTES)

ACCRCATA	Frequency	Percent	Cum Freq	Cum Percent
-7	1	6.25	1	6.25
1	13	81.25	14	87.50
3	2	12.50	16	100.00

IF THE SUBJECT DOES NOT FIND THE NUMBER WITHIN THREE MINUTES, RECORD TIME AS 3:00:00, CIRCLE '3' IN THE ACCURACY CODE, AND SAY:

"Well, that one was a tough one to find" OR "A lot of people can't find the number because of the print size so don't worry about that one."

TASK B MAKING CHANGE

Now I am going to give you a handful of coins. I want you to count out 67 cents in change and place it on the table so I can see it. Let me know as soon as you are finished.

How much did I say you should place on the table?

IF CORRECT, PROCEED.
IF INCORRECT, REPEAT THE AMOUNT (67 CENTS) TO THE SUBJECT.

Are you right-handed or left-handed?

MAKE SURE YOUR STOPWATCH IS READY. PLACE THE COINS IN THE SUBJECT'S NON-DOMINANT HAND.

START THE TIMER WHEN YOU PLACE THE COINS IN THE SUBJECT'S NON-DOMINANT HAND.

OK, here are the coins. Remember to let me know when you are finished putting 67 cents on the table.

MOTOR CONTROL PROBLEMS: SEE MANUAL

ALLOWABLE PROMPTS: TARGET AMOUNT ONLY

STOP THE TIMER WHEN THE SUBJECT LETS YOU KNOW THEY ARE FINISHED, OR IF THEY GIVE SOME NON-VERBAL CUE THAT THEY ARE FINISHED, E.G., THEY STOP AND LOOK UP AT YOU AS IF THEY ARE SATISFIED THAT THEY HAVE FINISHED. IF YOU ARE UNSURE WHETHER THEY ARE FINISHED, SIMPLY ASK THEM: Are you finished?

RECORD THE TIME AND CHECK THE APPROPRIATE ACCURACY CATEGORY.

TASK	TASK B: MAKING CHANGE				
	CORRECT AMOUNT = 67 CENTS				
I3.	TIME : : TIME LIMIT IS 2 MINUTES				

Ana	Analysis Variable : c3tim					
	Mea		Minimu		Maximu	
N	n	SD	m	Median	m	
15	15.3	11.1	4.4	11.8	48.1	

			Cum Fre	
c3tim	Frequency	Percent	q	Cum Percent
	1	100.00	1	100.00

I4. ACCURACY CATEGORY: COMPLETED CORRECTLY 1 COMPLETED INCORRECTLY 2 NOT COMPLETED WITHIN THE TIME LIMIT (2 MINUTES) 3

ACCURCTB	Frequency	Percent	Cum Freq	Cum Percent
-7	1	6.25	1	6.25
1	14	87.50	15	93.75
2	1	6.25	16	100.00

IF THE SUBJECT DOES NOT COMPLETE THE TASK WITHIN 2 MINUTES, PLEASE RECORD THE TIME AS 2:00:00, CIRCLE '3' IN THE ACCURACY CODE, AND SAY: "Well, a lot of people have trouble with this task. Let's try another kind of task."

m., a.z. a	
TASK C	READING CAN INGREDIENTS
111011 0	

Now I am going to give you three different cans of food. I want you to read the first three ingredients on each can of food. It will say the word 'ingredients' on there. For each can, I want you to read the <u>first three</u> items listed under ingredients.

TASK C, CAN #1:

MAKE SURE YOUR STOPWATCH IS READY.

Here is the first can. Read the first three (3) ingredients listed out loud so I can hear you.

START THE TIMER WHEN YOU HAND THE CAN OF FOOD TO THE SUBJECT. HAND THE CAN TO THE SUBJECT WITH THE FRONT LABEL FACING HIM/HER. THE ARROW ON TOP OF THE CAN SHOULD FACE THE SUBJECT.

ALLOWABLE PROMPT: IN RESPONSE TO ANY QUESTION: I want you to read the ingredients. It will say the word 'ingredients' on there somewhere.

STOP THE TIMER WHEN SUBJECT READS THE THIRD INGREDIENT (SALT). RECORD THE TIME, AND CHECK THE APPROPRIATE ACCURACY CATEGORY.

TASK C: READING CAN INGREDIENTS (CAN 1)				
CORRECT ANSWER = BEETS, WATER, SALT				
I5. TIME : :	TIME LIMIT IS 2 MINUTES			

Ana	Analysis Variable : c5tim					
	Mea		Minimu		Maximu	
N	n	SD	m	Median	m	
15	16.4	15.3	6.6	10.9	63.8	

			Cum Fre	
c5tim	Frequency	Percent	q	Cum Percent
	1	100.00	1	100.00

I6.	ACCURACY CATEGORY:	
	COMPLETED WITH NO ERRORS (READ ONLY THE INGREDIENTS & READ CORRECTLY)	1
	COMPLETED WITH MINOR ERRORS (READ SOMETHING OTHER THAN INGREDIENTS, OR HAD SLIGHT READING ERRORS, E.G., BEEF, WATER ,SALT OR BEETS, WAFER, SALT)	2
	COMPLETED WITH MAJOR ERRORS (E.G., READ OTHER LARGE SECTIONS OF THE LABEL, E.G., NUTRITIONAL BREAKDOWN, BEFORE READING INGREDIENTS, AND/OR HAD MAJOR READING ERRORS)	3
	NOT COMPLETED WITHIN TIME LIMIT (2 MINUTES)	4

ACCRCATC	Frequency	Percent	Cum Freq	Cum Percent
-7	1	6.25	1	6.25
1	15	93.75	16	100.00

IF SUBJECT CAN'T FIND INGREDIENTS WITHIN 2 MINUTES, RECORD THE TIME AS 2:00:00, CIRCLE '4' IN THE ACCURACY CODE, AND SAY: That's OK, let's try a different can.

TASK C, CAN #2

MAKE SURE YOUR STOPWATCH IS READY.

Here is the second can. I want you to read the first three ingredients on this can of food out loud.

START THE TIMER WHEN YOU HAND THE CAN OF FOOD TO THE SUBJECT.

PROCEDURE IS IDENTICAL TO THAT FOR CAN #1

STOP THE TIMER WHEN SUBJECT READS THE THIRD INGREDIENT (SUGAR). RECORD THE TIME, AND CHECK THE APPROPRIATE ACCURACY CATEGORY.

TASK	TASK C: READING CAN INGREDIENTS (CAN 2)				
	CORRECT ANSWER = TOMATOES, TOMATO JUICE, SUGAR				
I7.	TIME : : TIME LIMIT IS 2 MINUTES				

Ana	Analysis Variable : c7tim					
	Mea Minimu				Maximu	
N	n	SD	m	Median	m	
15	13.6	6.0	4.1	12.6	25.9	

				Cum Fre	
c71	tim	Frequency	Percent	q	Cum Percent
•		1	100.00	1	100.00

I8.	ACCURACY CATEGORY:	
	COMPLETED WITH NO ERRORS (READ ONLY THE INGREDIENTS & READ CORRECTLY)	1
	COMPLETED WITH MINOR ERRORS (E.G., STARTED READING SOMETHING OTHER THAN INGREDIENTS, OR HAD SLIGHT READING ERRORS)	2
	COMPLETED WITH MAJOR ERRORS (E.G., READ OTHER LARGE SECTIONS OF THE LABEL, E.G., NUTRITIONAL BREAKDOWN, BEFORE READING INGREDIENTS, AND/OR HAD MAJOR READING ERRORS)	3
	NOT COMPLETED WITHIN TIME LIMIT (2 MINUTES)	4

ACCRCAC2	Frequency	Percent	Cum Freq	Cum Percent
-7	1	6.25	1	6.25
1	12	75.00	13	81.25
2	3	18.75	16	100.00

IF SUBJECT CAN'T FIND INGREDIENTS WITHIN 2 MINUTES, RECORD THE TIME AS 2:00:00, CIRCLE '4' IN THE ACCURACY CODE, AND SAY: "That's OK, it is often hard to find the ingredients. Let's try one more can."

TASK C, CAN #3

MAKE SURE YOUR STOPWATCH IS READY.

Here is the last can. I want you to read the first three (3) ingredients on this one for me out loud.

START THE TIMER WHEN YOU HAND THE CAN OF FOOD TO THE SUBJECT.

PROCEDURE IS IDENTICAL TO THAT FOR CANS 1 & 2.

STOP TIMER WHEN SUBJECT READS THE THIRD INGREDIENT (CORN). RECORD THE TIME, AND CHECK THE APPROPRIATE ACCURACY CATEGORY.

TASK	TASK C: READING CAN INGREDIENTS (CAN 3)					
	CORRECT ANSWER = TOMATOES, OKRA, CORN					
I9.	TIME : : TIME LIMIT IS 2 MINUTES					

Ana	Analysis Variable : c9tim					
	Mea Minimu Maximu				Maximu	
N	n	SD	m	Median	m	
15	12.1	6.5	4.3	9.2	24.6	

			Cum Fre	
c9tim	Frequency	Percent	q	Cum Percent
	1	100.00	1	100.00

I10.	ACCURACY CATEGORY:	
	COMPLETED WITH NO ERRORS (READ ONLY THE INGREDIENTS & READ CORRECTLY)	1
	COMPLETED WITH MINOR ERRORS (E.G., STARTED READING SOMETHING OTHER THAN INGREDIENTS, OR HAD SLIGHT READING ERRORS)	2
	COMPLETED WITH MAJOR ERRORS (E.G., READ OTHER LARGE SECTIONS OF THE LABEL, E.G., NUTRITIONAL BREAKDOWN BEFORE READING INGREDIENTS, AND/OR HAD MAJOR READING ERRORS)	3
	NOT COMPLETED WITHIN TIME LIMIT (2 MINUTES)	4

ACCRCAC3	Frequency	Percent	Cum Freq	Cum Percent
-7	1	6.25	1	6.25
1	13	81.25	14	87.50
2	1	6.25	15	93.75
3	1	6.25	16	100.00

IF SUBJECT CAN'T FIND INGREDIENTS WITHIN 2 MINUTES, RECORD THE TIME AS 2:00:00, CIRCLE '4' IN THE ACCURACY CODE, AND SAY:

That's OK, the print on some of these cans is very small so a lot of people have trouble finding where the ingredients are listed.

TASK D FINDING ITEMS ON A SHELF

MOVE THE TIMED IADL KIT WITH THE FOOD ARRAY TO A LOCATION ON A TABLE WITHIN EASY REACH OF THE SUBJECT. PLACE IT DIRECTLY IN FRONT OF THE SUBJECT. DO NOT OPEN IT YET.

Now I am going to show you a shelf full of food items. I want you to find two food items. The items I want you to find are a **can of tomato soup and a box of macaroni & cheese**. Show me you have found the items by **touching** them with your finger. Don't try to take them out, just touch them with your finger. It doesn't matter which of the two you touch first.

What items do I want you to locate and touch?

IF CORRECT, PROCEED.
IF INCORRECT, REPEAT THE 2 ITEMS TO THE SUBJECT.

MAKE SURE YOUR STOPWATCH IS READY. <u>START THE TIMER</u> WHEN YOU UNCOVER THE ARRAY OF FOOD ITEMS.

YOU MUST WATCH THE SUBJECT'S HANDS TO SEE WHICH ITEMS HE/SHE TOUCHES.

ALLOWABLE PROMPTS: 1) IN RESPONSE TO A QUESTION ABOUT WHAT THEY ARE LOOKING FOR: "You are looking for a can of tomato soup and a box of macaroni and cheese" 2) IF THEY TOUCH AN INCORRECT OBJECT DO NOT STOP THE TIMER BUT SAY "No, that is not one of the items you are looking for. Remember you are looking for a can of tomato soup and a box of macaroni and cheese."

STOP THE TIMER AFTER THEY HAVE TOUCHED THE SECOND ITEM SUCCESSFULLY. RECORD THE TIME. AND CHECK THE APPROPRIATE ACCURACY CATEGORY.

TASE	TASK D: FINDING ITEMS ON A SHELF					
COR	RECT CHOICES = CAN OF TOM	ATO SOUP AND A BOX OF MACARONI & CHEESE				
I11.	TIME : :	TIME LIMIT IS 2 MINUTES				

Ana	Analysis Variable : c11tim					
	Mea Minimu Maximu				Maximu	
N	n	SD	m	Median	m	
15	11.3	4.6	6.8	9.3	19.4	

			Cum Fre	
c11tim	Frequency	Percent	q	Cum Percent
	1	100.00	1	100.00

I12.	ACCURACY CATEGORY:	
	COMPLETED CORRECTLY (NO ERRORS)	1
	COMPLETED CORRECTLY BUT WITH ERROR (E.G., TOUCHED WRONG ITEM BEFORE FINDING TARGET ITEM)	2
	NOT COMPLETED WITHIN THE TIME LIMIT (2 MINUTES)	3

ACCRCATD	Frequency	Percent	Cum Freq	Cum Percent
-7	1	6.25	1	6.25
1	14	87.50	15	93.75
2	1	6.25	16	100.00

IF SUBJECT CAN'T FIND THE GROCERY ITEMS WITHIN 2 MINUTES, RECORD THE TIME AS 2:00:00, CIRCLE '3' IN THE ACCURACY CODE, AND SAY: "That's OK, this box is cluttered up with a lot of food items."

TASK E READING DIRECTIONS ON MEDICINE CONTAINERS

Now for the last task in this set, I want you to read the <u>directions</u> on two medicine containers. I want you to read the directions out loud.

TASK E, MEDICINE CONTAINER #1

MAKE SURE YOUR STOPWATCH IS READY.

THE ARROW ON TOP OF THE CONTAINER SHOULD POINT TOWARD THE SUBJECT.

Please read the directions on this container out loud so I can hear you.

START THE TIMER WHEN YOU HAND THE CONTAINER TO THE SUBJECT WITH THE FRONT OF THE LABEL FACING THE SUBJECT (ARROW POINTING TOWARD SUBJECT).

WHEN SUBJECT STARTS TO READ THE DIRECTIONS, READ ALONG WITH HIM/HER IN THE TEXT BELOW (SEE CORRECT ANSWER) AND MAKE NOTE OF ANY ERRORS, OMISSIONS, OR INSERTIONS.

ALLOWABLE PROMPT: IF THE SUBJECT READS ANYTHING OTHER THAN THE DIRECTIONS, REMIND THEM, WITHOUT STOPPING THE TIMER, "I want you to read only the directions" AND INDICATE THAT ERROR BY CHECKING THE APPROPRIATE ACCURACY CATEGORY.

STOP THE TIMER WHEN THE SUBJECT FINISHES THE LAST WORD OF THE DIRECTIONS ('DAILY'). RECORD THE TIME, AND CHECK THE APPROPRIATE ACCURACY CATEGORY.

TASK E: READING DIRECTIONS ON MEDICINE CONTAINER #1

CORRECT ANSWER = "TAKE ONE CAPSULE 3 TIMES A DAY FOR 3 DAYS THEN ONE CAPSULE DAILY"

II3. TIME | : | TIME LIMIT IS 2 MINUTES

Analysis Variable : c13tim							
	Mea		Minimu		Maximu		
N	n	SD	m	Median	m		
15	21.4	23.2	8.1	16.6	103.4		

			Cum Fre	
c13tim	Frequency	Percent	q	Cum Percent
•	1	100.00	1	100.00

I14.	ACCURACY CATEGORY:	
	COMPLETED CORRECTLY (READ ONLY THE DIRECTIONS)	1
	COMPLETED WITH MINOR ERRORS (E.G., STARTED READING SOMETHING OTHER THAN DIRECTIONS, AND/OR HAD MINOR READING ERRORS)	2
	COMPLETED WITH MAJOR ERRORS (E.G., READ LARGE SECTIONS OF THE LABEL OTHER THAN DIRECTIONS AND/OR HAD MAJOR READING ERRORS	3
	NOT COMPLETED WITHIN THE TIME LIMIT (2 MINUTES)	4

ACCRCTE1	Frequency	Percent	Cum Freq	Cum Percent
-7	1	6.25	1	6.25
1	14	87.50	15	93.75
2	1	6.25	16	100.00

IF SUBJECT CAN'T FIND OR READ THE INSTRUCTIONS WITHIN 2 MINUTES, RECORD THE TIME AS 2:00:00, CIRCLE '4' IN THE ACCURACY CODE, AND SAY: That's OK, the print on some of these labels is almost impossible for anyone to read.

TASK E, MEDICINE CONTAINER #2

MAKE SURE YOUR STOPWATCH IS READY.

PROCEDURE IS THE SAME AS FOR MEDICINE CONTAINER #1.

Now I want you to read the directions on this medicine container out loud so I can hear you.

START THE TIMER WHEN YOU HAND THE CONTAINER TO THE SUBJECT WITH THE FRONT OF THE LABEL FACING THE SUBJECT (ARROW POINTING TOWARD SUBJECT).

STOP THE TIMER WHEN THE SUBJECT FINISHES THE LAST WORD OF THE INSTRUCTIONS ('DAY'). RECORD THE TIME, AND CHECK THE APPROPRIATE ACCURACY CATEGORY.

TASE	TASK E: READING DIRECTIONS ON MEDICINE CONTAINER #2					
	CORRECT ANSWER = "TAKE 1 TABLET TWO TIMES A DAY"					
I15.	TIME : : TIME LIMIT IS 2 MINUTES					

Analysis Variable : c15tim						
	Mea Minimu Maximu					
N	n	SD	m	Median	m	
15	5.7	2.7	3.1	5.2	12.2	

			Cum Fre	
c15tim	Frequency	Percent	q	Cum Percent
	1	100.00	1	100.00

I16.	ACCURACY CATEGORY:	
	COMPLETED CORRECTLY (READ ONLY THE DIRECTIONS)	1
	COMPLETED WITH MINOR ERRORS (STARTED READING SOMETHING OTHER THAN DIRECTIONS, AND/OR HAD MINOR READING ERRORS)	2
	COMPLETED WITH MAJOR ERRORS (READ LARGE SECTIONS OF THE LABEL OTHER THAN DIRECTIONS, AND/OR HAD MAJOR READING ERRORS)	3
	NOT COMPLETED WITHIN THE TIME LIMIT (2 MINUTES)	4

ACCRCTE2	Frequency	Percent	Cum Freq	Cum Percent
-7	1	6.25	1	6.25
1	15	93.75	16	100.00

IF SUBJECT CAN'T FIND OR READ THE DIRECTIONS WITHIN 2 MINUTES, RECORD THE TIME AS 2:00:00, CIRCLE '4' IN THE ACCURACY CODE, AND SAY:

That's OK, we don't have to do any more of that type of activity.