

UPDATED



BRIEF KSCAr

(Brief Kingston Standardized Cognitive Assessment-rev)

ASSESSMENT FORM

PATIENT NAME: _____

DATE: _____ CASE #: _____ RATER: _____

WHAT LEVEL DID THE PATIENT FUNCTION AT PREVIOUSLY?
ABOVE AVERAGE ____ AVERAGE ____ BELOW AVERAGE ____
* For education corrections see Manual.

SCORING SUMMARY	
SUB-TESTS	SCORE
1. Word Recall /10	
2. Orientation /10	
3. Abstract Thinking /8	
4. Spatial Reversal /5	
5. Clock Test /7	
6. Perseveration /2	
7. Delayed Recall /10	
8. Word Recognition /10	
Total Score /55	
Normals Percentile	
Dementia Percentile	

Normals			Dementia Norms		
Score	Cumulative Percent	Description	Score	Cumulative Percent	Description
56	97	↑	44	95	M
55	93	A	42	89	I
52	85	V	41	86	L
51	77	G	40	81	D
50.5	72		38	75	
50	67		36	72	
		A	35	66	M
49.5	60	V	34	62	O
		E	33	58	D
49	52	R	32	52	E
48.5	45	A	31	46	R
48	37	G	30	43	A
47.5	30	E	29	36	T
			27	29	E
47	25		25	24	
46	20	A	24	20	S
45	17	V	22	15	E
44	12	G	19	11	V
43	5	↓	15	5	R

* The Kingston Scales & Manuals can be downloaded free of charge from:

www.kingstonscales.org
email: kcales@queensu.ca

1. WORD RECALL [Word List - Page 3]

Use 10 word list (Page 3 - TABLE, FOOTBALL, WINDOW ... APPLE). USE A BLANK SHEET OF PAPER TO COVER THE WORDS THAT YOU HAVE NOT YET PRESENTED. SLIDE THE PAPER DOWN THE LIST SEQUENTIALLY EXPOSING THE LIST ONE WORD AT A TIME.

Present each word for 2 seconds. Ask the patient to **“PLEASE READ ALOUD EACH WORD THAT I SHOW YOU.”** **DO NOT TELL THE PATIENT TO TRY AND REMEMBER THEM.** After presenting all 10 words, cover the list and ask the patient

“PLEASE TELL ME AS MANY OF THE WORDS FROM THAT LIST AS YOU CAN, IN ANY ORDER.”

Score = number correct (max = 10).

TABLE ___ FOOTBALL ___ WINDOW ___ ROSE ___ COMPUTER ___
GLOVE ___ MOON ___ FORK ___ GOLD ___ APPLE ___

TOTAL ___/10

2. ORIENTATION

"WHAT IS" Responses and Observations

- | | | |
|---|---|---|
| 1. "YOUR FULL NAME?" _____ | 0 | 1 |
| 2. "YOUR AGE?" _____ | 0 | 1 |
| 3. "YOUR BIRTH DATE?" _____ | 0 | 1 |
| 4. "WHERE ARE WE NOW?" _____ | 0 | 1 |
| 5. "WHAT CITY (TOWN OR VILLAGE) IS THIS?" _____ | 0 | 1 |
| 6. "WHAT DAY OF THE WEEK IS THIS?" _____ | 0 | 1 |
| 7. "WHAT MONTH IS THIS?" _____ | 0 | 1 |
| 8. "WHAT YEAR IS THIS?" _____ | 0 | 1 |
| 9. "WITHOUT LOOKING AT YOUR WATCH (or THE CLOCK)
WHAT IS THE TIME OF DAY?" _____ | 0 | 1 |
| 10. "WHAT IS THE SEASON?" _____ | 0 | 1 |

TOTAL ___/10

3. ABSTRACT THINKING

- | | | | |
|---|---|---|---|
| 1. "IN WHAT WAY ARE CARROTS AND BEANS ALIKE?"
[If patient fails to give a 2 point answer, say "THEY ARE BOTH VEGETABLES"] _____ | 0 | 1 | 2 |
| 2. "IN WHAT WAY ARE A SHIRT AND A SWEATER ALIKE?"
[If patient fails to give a 2 point answer, say "THEY ARE BOTH ITEMS OF CLOTHING"] _____ | 0 | 1 | 2 |
| 3. "IN WHAT WAY ARE A DOG AND A COW ALIKE?" [No help] _____ | 0 | 1 | 2 |
| 4. "IN WHAT WAY ARE A CAR AND A BICYCLE ALIKE?" [No help] _____ | 0 | 1 | 2 |

TOTAL ___/8

4. SPATIAL REVERSAL [Page 4]

“HERE I HAVE A FIGURE FOR YOU TO COPY.” [avoid naming arrow].

After patient successfully draws the arrow, say

"NOW I WANT YOU TO DRAW ANOTHER ONE LIKE THIS [point to the arrow]

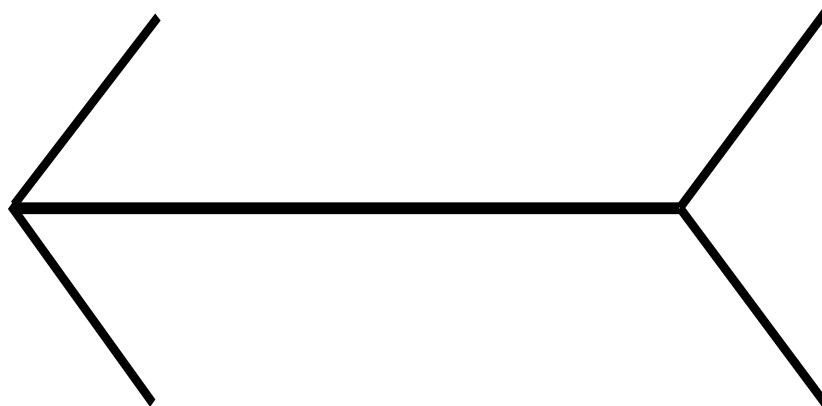
BUT THIS TIME POINTING THE OPPOSITE WAY." [avoid indicating direction.]

[Note: points are given only for the successful reversal of the arrow, not its reproduction].

0 5

TOTAL ___/5

TABLE
FOOTBALL
WINDOW
ROSE
COMPUTER
GLOVE
MOON
FORK
GOLD
APPLE



5. CLOCK [Circles - Pages 6 & 7]

[Fold Pages 6 & 7 along Fold line so as to present circles one at a time.]

[1st circle - blank]

"I WANT YOU TO WRITE IN THE NUMBERS, AS ON A CLOCK FACE."

0 1 2

[2nd circle - blank]

"AND ON THIS CIRCLE DRAW IN THE HANDS TO MAKE IT SAY 9 O'CLOCK."

0 1 2

[3rd circle - numbered]

"NOW, PUT IN THE HANDS FOR 5 PAST 10. MAKE IT SAY 5 PAST 10."

0 1 2

[4th circle - numbered and hands (20 past 8)]

"WHAT TIME IS IT ON THIS CLOCK?"

0 1

TOTAL _____/7

6. PERSEVERATION

a) Motor Pattern:

[Demonstrate touching table alternately first with palm of hand and then with fist on edge, i.e., thumb facing up. Movements should be alternated at a rate of not faster than one movement per ½ second and no slower than one movement per second. Have the patient copy your motions for 5 trials or until you are sure that the patient has learned the pattern.] If patient is unable to learn the task within 10 trials, discontinue and score 0. If patient has successfully learned the task, then say:

"I WANT YOU TO REPEAT THIS MOVEMENT ON YOUR OWN UNTIL I SAY 'STOP'."

[If patient is unable to do this after several attempts, say "STOP". Otherwise let him/her do at least five repetitions using his/her preferred hand.]

0 1

b) Visual Pattern: [Page 8]

"I WANT YOU TO COPY THIS PATTERN. START COPYING BELOW THE EXAMPLE, AND THEN CONTINUE IT TO THE END OF THE PAGE. START HERE."

[Point to the space below the pattern. Encourage patient to continue to right margin of page, such that the design is not just copied, but repeated twice. If patient makes an error while copying the pattern (but not while continuing it) draw it to the patient's attention the first time and refer back to the pattern. After this, no further help.]

0 1

TOTAL _____/2

7. DELAYED WORD RECALL

"PLEASE TELL ME AS MANY WORDS THAT YOU CAN REMEMBER FROM THE LIST THAT I SHOWED TO YOU EARLIER, IN ANY ORDER." Score = number correct (max = 10).

TABLE ___ FOOTBALL ___ WINDOW ___ ROSE ___ COMPUTER ___
 GLOVE ___ MOON ___ FORK ___ GOLD ___ APPLE ___

TOTAL _____/10

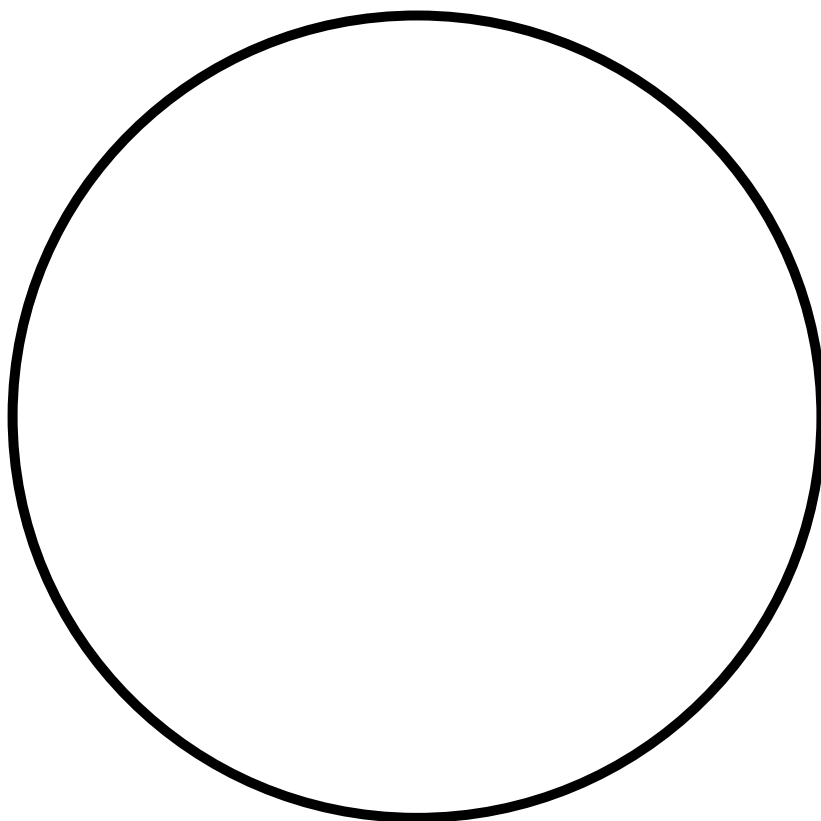
8. WORD RECOGNITION [Word Lists - Pages 9 & 10]

After completing the recall, show the patient the second list of 20 words [Page 9] (TABLE, HOUSE, BOWL, .. COMPUTER), point to the first word and say to the patient **"DID YOU SEE THIS WORD ON THE LIST THAT I SHOWED TO YOU EARLIER OR IS THIS A NEW WORD?"** Repeat these instructions for the 2nd word. But for the 3rd word say **"HOW ABOUT THIS ONE?"** For the 4th word onward, use either instruction as seems necessary. After completing the 1st page go to the second one [Page 10] (GLOVE, KINGBIRD)

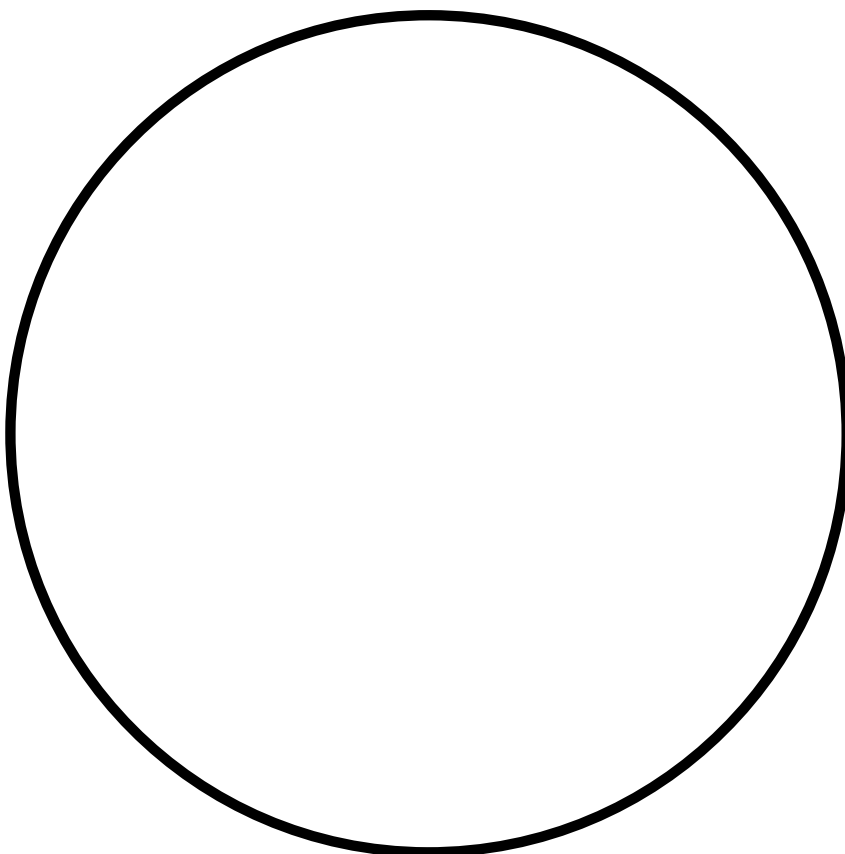
Score = total number of correct responses i.e. IN/10 + NOT IN/10 (Not Shaded Boxes) = Total/20 ÷ 2 (max = 10).

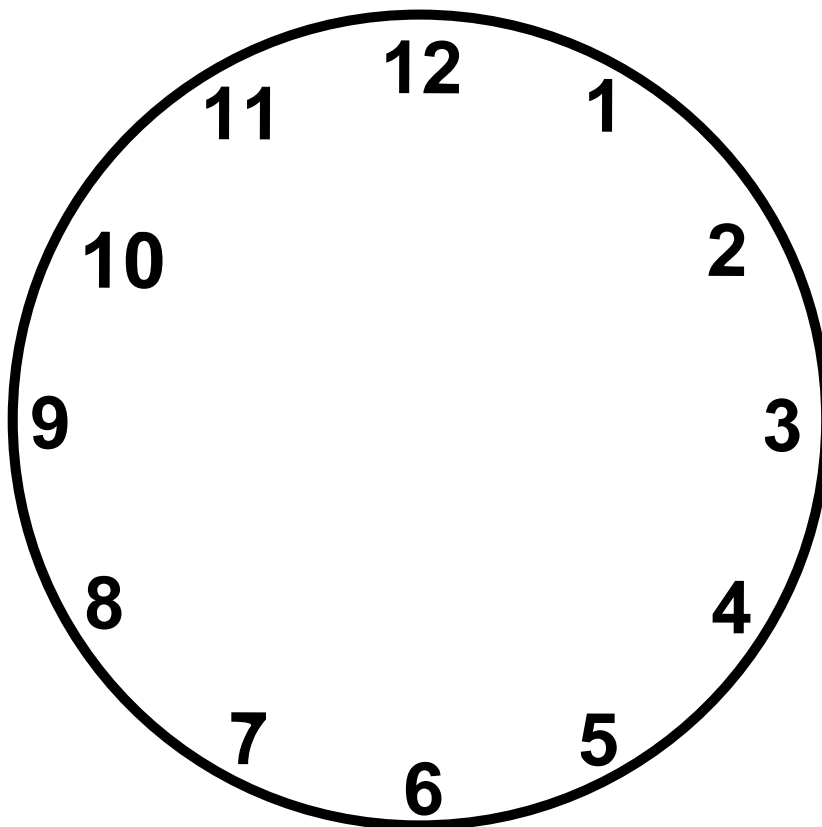
	IN	NOT IN		IN	NOT IN		IN	NOT IN		IN	NOT IN
TABLE			LAKE			GLOVE			FORK		
HOUSE			ROSE			KING			GOLD		
BOWL			DRESS			MOON			STORE		
FOOTBALL			WHEAT			CLOCK			APPLE		
WINDOW			COMPUTER			GIFT			BIRD		
									Score	/10	/10

TOTAL = _____/20 ÷ 2 = _____/10

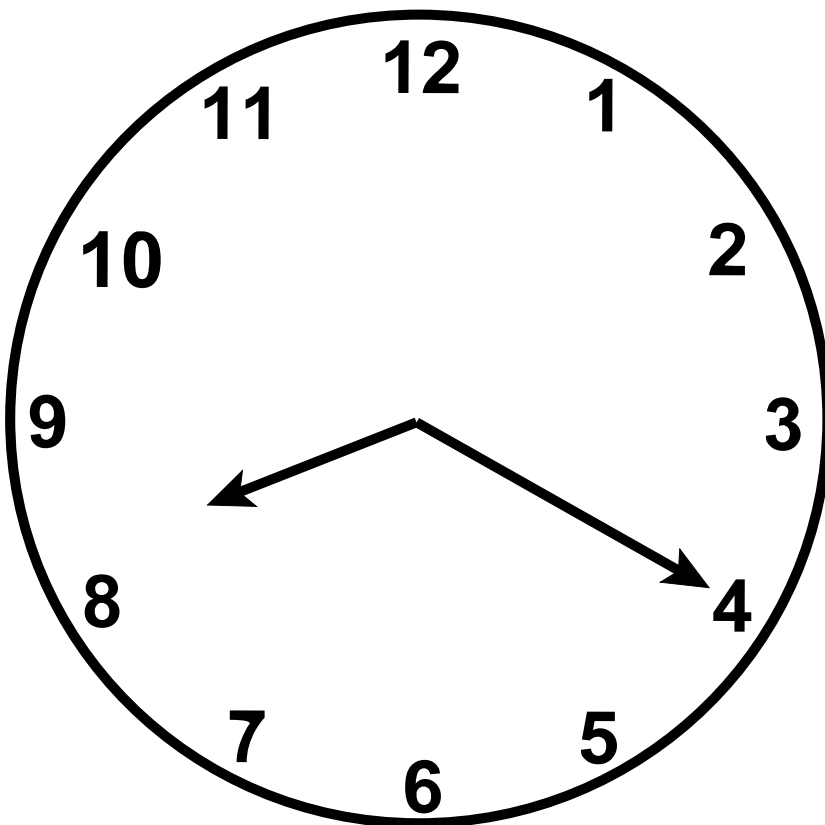


Fold





Fold



**TABLE
HOUSE
BOWL
FOOTBALL
WINDOW
LAKE
ROSE
DRESS
WHEAT
COMPUTER**

GLOVE

KING

MOON

CLOCK

GIFT

FORK

GOLD

STORE

APPLE

BIRD