Kingston Standardized Behavioural Assessment *UPDATED*

Long Term Care Form[1] - KSBA$_{LTC}$

Patient Name _____ Case #:_____
Sex: M___ F___ Age_____ Education_____ Years of Illness_____
Date:_____ Rater/Informant:_____
Lives in: Facility Type_____

KINGSTON SCALES

Please check all of the following behaviours that have occurred in the last month or are presently occurring, and that are <u>a change</u> from your client/patient's earlier behaviour (prior to illness). Indicate whether they apply by marking the box beside the appropriate statement. The Total Score equals number of boxes checked.

1 Daily Activities

	1	No longer takes part in favourite pastimes (or greatly reduced).
	2	Resistant to bathing.
	3	Refuses to leave own room.
	4	No longer uses some common objects properly (e.g. silverware).
	5	Does not like being touched.
	6	Combines foods not usually eaten together.
	7	Refuses to eat.
	8	Drools on self, clothing.
	9	Overly dependent, wants more guidance than usual.
	10	Eats other's food at meal time.
	11	Difficulty judging the passing of time.
	12	Wanders aimlessly.
	13	Hides things.
	14	Hoards objects.
	15	Fails to recognize family or friends.
	16	Incontinence of urine/faeces in clothes in daytime.
	17	Voids in non-toilet areas.
	18	Smears faeces.
	<	***Total Daily Activities***

2 Attention/Concentration/Memory

	19	Can't concentrate, pay attention for long.
	20	Misplaces things more than usual.
	21	Easily distracted by surrounding noises.
	22	Places things in inappropriate places.
	<	***Total Attention/Concentration/Memory***

3 Emotional Behaviour

	23	Shows little or no emotion.
	24	Mood changes for no apparent reason.
	25	Expresses inappropriate emotions, either type or intensity.
	26	Makes uncharacteristically pessimistic statements.
	27	Expresses suicidal feelings, threatens to hurt him/herself.
	<	***Total Emotional Behaviour***

4 Aggressive Behaviour

	28	Verbally abusive at times.
	29	Uncharacteristically excitable, easy to upset; reacts catastrophically.
	30	Throws things at, or pinches others.
	31	Attempts to hit/strike out at others.
	<	***Total Aggressive Behaviour***

5 Misperceptions/Misidentifications

	32	Claims an object/possession looks similar to, but is not the real one.
	33	Claims a family member looks similar but is not the true one.
	34	Thinks present dwelling is not their place of living.
	35	Thinks people are present who aren't.
	36	Sees or hears things that are not there.
	37	Talks to pictures or mirrors.
	<	***Total Misperception Behaviour***

Name:_____ **Date:**_____ **Case #:**_____

6 Paranoid Behaviour

	38	Suspicious of family and staff.
	39	Suspicious about money issues.
	40	Accuses others of stealing his or her things.
	41	Accuses spouse of infidelity.
	42	Expresses suspicion around taking medication.
	<	*Total Paranoid Behaviour*

7 Judgement/Insight

	43	Seeks constant attention.
	44	Eats non-food items.
	45	Grabs others nearby.
	46	Shows increased sexual drive, interest.
	47	Makes inappropriate sexual advances.
	48	Accident prone, gets hurt a lot.
	49	Unconcerned about personal safety.
	50	Invades personal space.
	<	*Total Judgement/Insight*

8 Perseveration

	51	Repeats same actions over and over.
	52	Repeats same words or phrases.
	53	Talks about same topic over and over again.
	54	Repeatedly shouts or calls out.
	55	Clapping/noise making.
	<	*Total Perseveration*

9 Motor Restlessness

	56	Desire to pace or walk almost constantly.
	57	Can't sit still, restless, fidgety.
	58	Tries doors, windows.
	59	Repeatedly rearranges furniture.
	60	Bangs head deliberately.
	<	*Total Motor Restlessness*

10 Sleep/Activity/Sundowning

	61	Falls asleep at uncharacteristic times.
	62	Gets up and wanders or awakens frequently at night, more than usual.
	63	Sleeps more.
	64	Behaviour more agitated or impaired in late afternoon.
	<	*Total Sleep/Activity/Sundowning*

11 Motor/Spatial Problems

	65	Poor coordination seen in limb/finger movements.
	66	Slowness of movement.
	67	Unsteadiness when walking.
	68	Difficulty judging object sizes or how near an object is from themselves.
	<	*Total Motor Spatial Problems*

12 Language Difficulties

	69	Substitutes some words for others.
	70	Does not speak unless spoken to. (e.g. Does not participate in conversations.)
	71	Often cannot find the right word.
	72	Trouble pronouncing words.
	73	Does not understand simple commands, explanations.
	74	Speaks in meaningless phrases, or unintelligible language.
	<	*Total Language Difficulties*

	Neuropsychological (NPL) Behaviours Total (1,2,10-12)
	Neuropsychiatric (NPT) Behaviours Total (3-9)

	Total Score (1-12) [2]

Name:_____   Date:_____   Case #:_____

KSBA_{LTC} - BEHAVIOURAL ANALYSIS FORM   (UPDATED)

SCORE ANALYSIS

Total Score	Cumulative Percent	Score Description (Total)	NPL Score	Cumulative Percent	Score Description (NPL)	NPT Score	Cumulative Percent	Score Description (NPT)
74		VERY HIGH	36		VERY HIGH	38		VERY HIGH
70								
65								
60						37		
55			35			36		
50			34			35		
46	99		33			34		
42	98		32			33		
38	96		31			32		
34	93		30			31		
30	88	HIGH	29			30		
29	84		28			29		
28	83		27			28		
27	80		25			27		
26	77		25			26		
25	75	MEDIUM	24	99		25		
24	73		23	98		24		
23	68		22	98	HIGH	23	99	
22	63		21	97		22	98	
21	59		20	94		21		
20	52		19	90		20		
19	46		18	85		19	97	
18	42		17	82		18	96	
17	36		16	78	MEDIUM	17	95	
16	32		15	70		16	94	HIGH
15	30		14	66		15	93	
14	27		13	62		14	90	
13	23		12	55		13	86	
12	19		11	47		12	83	
11	16		10	39		11	76	
10	13	LOW*	9	33		10	68	
9	10		8	26		9	64	
8	8		7	19	LOW*	8	53	
7	7		6	14		7	47	
6	6		5	11		6	38	MEDIUM
5	5		4	7		5	36	
4	3					4	29	
3	2	**	3	6		3	15	LOW*
2	1		2	2	**	2	11	
1			1	1		1	6	**
0	0		0	0		0	3	

BEHAVIOUR PROFILE

Comparison Scale	1 Daily Activities	2 Attention/Concentration/Memory	3 Emotional Behaviour	4 Aggressive Behaviour	5 Misperceptions/Misidentifications	6 Paranoid Behaviour	7 Judgement/Insight	8 Perseveration	9 Motor Restlessness	10 Sleep/Activity/Sundowning	11 Motor/Spatial Problems	12 Language Difficulties
10	18	4	5	4	6	5	8	5	5	4	4	6
9.5	17											
9	16											
8.5	15				5		7					5
8	14		4			4		4	4			
7.5	13	3		3			6			3	3	
7	12				4							4
6.5	11						5					
6	10		3			3		3	3			
5.5	9											
5	8	2		2	3		4			2	2	3
4.5	7											
4	6		2			2	3	2	2			
3.5	5				2							2
3	4											
2.5	3	1		1			2			1	1	
2	2		1			1		1	1			
1.5	2				1		1					1
1	1											
0.5												
0	0	0	0	0	0	0	0	0	0	0	0	0

For an **analysis** of **Total, NPL** & **NPT** scores, and/or to produce a **Behaviour Profile**, see the **Behavioural Analysis Procedures Guide** on the next page (page 4).

* Low in this case does not necessarily mean unimportant.

** Scores in this range may represent random error, and may not be clinically relevant.

KSBA$_{LTC}$ - Behavioural Analysis Procedures Guide

TOTAL SCORE ANALYSIS

Total			NPL			NPT		
Total Score	Cumulative Percent	Score Description	NPL Score	Cumulative Percent	Score Description	NPT Score	Cumulative Percent	Score Description

BEHAVIOUR PROFILE

Columns: 1 Daily Activities · 2 Attention/Concentration/Memory · 3 Emotional Behaviour · 4 Aggressive Behaviour · 5 Misperceptions/Misidentifications · 6 Paranoid Behaviour · 7 Judgement/Insight · 8 Perseveration · 9 Motor Restlessness · 10 Sleep/Activity/Sundowning · 11 Motor/Spatial Problems · 12 Language Difficulties

COMPARISON SCALE

STEP 1 (Scores)

FOR A **TOTAL** SCORE ANALYSIS, CIRCLE THE SUM OF ITEMS SCORED FOR THE TOTAL SCORE PLUS **NPL** & **NPT** TOTALS (from Page 2) IN THE 3 SCORE COLUMNS ("TOTAL SCORE ANALYSIS").

STEP 2 (Cumulative Percent)

PERCENTAGE OF SCORES AT OR BELOW THAT SCORE.

STEP 3 (Descriptions)

READ THE SCORE DESCRIPTIONS FOR THE **TOTAL, NPL & NPT** SCORES IN THE 3 COLUMNS TO THE RIGHT OF THE CUMULATIVE PERCENT COLUMNS

STEP 4 (Profile)

TO CREATE A **BEHAVIOURAL PROFILE** CIRCLE THE SUM OF THE ITEMS SCORED FOR EACH BEHAVIOURAL GROUP (DOMAINS) IN THE "BEHAVIOUR PROFILE" COLUMNS (RIGHT SIDE OF PAGE 3) CONNECT THE CIRCLES, IF DESIRED.