KICA



Kimberley Indigenous Cognitive Assessment The KICA was developed in response to the need for a validated cognitive screening tool for older Indigenous Australians living in rural and remote areas.

The KICA-Cog section is validated with Indigenous Australians aged 45 yrs and above from the Kimberley and Northern Territory. A score of 33/39 and below indicates possible dementia. Those with a low KICA-Cog score should be referred to a doctor for medical screens to rule out other causes of cognitive impairment, some of which are reversible, or to substantiate dementia. The informant (carer) report is an important component of a cognitive assessment. The KICA-Carer has been validated with a score of 3/16 or above indicating that further investigations are required. Other sections of the KICA tool are for information gathering to assist in determining subtypes, severity, differential diagnoses and management.

The KICA-Cog pictures and other KICA information can be found at www.wacha.org.au

As language skills are assessed in the cognitive section it is recommended that an interpreter be used when required. In the visual naming task if an individual is unable to name a certain picture (crocodile or emu) due to their own cultural reasons it can be replaced by the dog or horse pictures available on the website.

Tools required:

- Comb
- Pannikin / cup
- Box of matches
- Plastic bottle with top
- Watch/ timer for verbal fluency question.

<u>Acknowledgements</u>

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Date of Interview:			
Name, Bush name,	Skin name:		
Date of birth:			
Gender:	semale n	nale	
Name of interview	er:	•••••	
Name of Communit	y:		
Place of Interview:			
Home Home of relativ Clinic	e	Residential ca Hospital Other	re
Interpreter present:			
None Professional Family Other			
What languages do	you speak?		
	••••		
Language of intervi	ew:		
Name of carer or fa	mily member	:	
Carers relationship	to subject:		
dau/son niece/nephew	spouse cousin	brother/sister formal carer	8
Carer gender:	female	male	
Does the carer liv	e with the s	ubject? yes	no

MEDICAL HISTORY

MEDICAL HISTORY	
I want to ask you about any sicknesses you have had. (circle answer)	
1. Are your eyes good? Can you see everything?	
yes no don't know	
2. Are your ears good? Can you hear everything?	
yes no don't know	
3. Have you ever had a stroke? (got weak down one side of your body)	
yes no don't know	
yes no don't know	
4. Have you got sugar sickness? (diabetes)	
yes no don't know	
5. Have you got high blood pressure?	
yes no don't know	
6. Have you got heart problems?	
yes no don't know	
7. Have you got kidney problems?	
yes no don't know	
9. Do way have trouble walking?	
8. Do you have trouble walking? ves no don't know	
2	
Write details	
9. Do you have any pain?	
yes no don't know 9.1 if yes: sometimes most of the time	
9.1 if yes: sometimes most of the time	
10. Do you fall down sometimes?	
yes no don't know	
10.1 if yes: did you hurt yourself?	
yes no don't know	
11. Have you ever been hit on the head and knocked out?	
yes no don't know	
12. Do you ever have gumbu (urine) problems?	
yes no don't know	
12.1 if yes: Do you ever make gumbu (urine) in your clothes?	
yes no don't know	
13 Have you been sick and gone to hospital? What for?	
13. Have you been sick and gone to hospital? What for? yes no don't know	
14. What sort of medicines do you take? (list names or number of tablets)	
1 ii what soft of medicines do you take. (iist names of namor of motes)	•••

SMOKING AND ALCOHOL HISTORY

1. Do you drink grog?			
	no	yes	
(If no go to 2)			
1.1 How many times a week?	only sometimes	every day	
1.2.How much?	just few drinks	until you're d	runk
1.3 How long have you been drinking	g for?		
	not long	long time	
(not long is less than 10 yrs, long ti	me is more than 10 yr.	s)	
2. Did you drink when you were young?			
	no	yes	
(If no go to 3)			
2.1 Did you drink every day?	no	yes	
2.2 Did you used to get drunk?	no	yes	
2.3 (If they have quit ask)- when did yo	u stop drinking?	·	
	long time ago	last year	this year
3. Do you smoke?	no	yes	
(If no go to 4)		<i>J</i> = 2	
3.1 Do you smoke every day (If no go to 3.3)	no	yes	
3.2 How many in one day?			
· · · · · · · · · · · · · · · · · · ·	s than1 packet)	hig moh: (1 n	acket or more)
3.3 How long have you been smoking	- '	018 moo. (1 p.	
one from long have you occur smoning	not long	long time	
(not long is less than 10 yrs, long tin	· ·		
4. Did you smoke when you were young?			
(If no go to 5)	no	yes	
4.1How many did you smoke in one		<i>y</i> - ~	
	s than1 packet)	big mob: (1 p	acket or more)
4.2 (If they have quit ask)- when did yo		0 1	,
(3 3	long time ago	last year	this year
5. Do you chew tobacco?			
y	no	yes	
5.1 Did you chew when you were you		-	
j j	no	yes	

KICA-COG: COGNITIVE ASSESSMENT

I'd like to see if you can remember things. I'll ask you some questions. *Incorrect answer enter ...0 Correct answer enter...1*

Orientation			0				
1. Is this week pension/pay week?				1			
2. What time of year is it now? (may need to prompt eg. wet time	dry time	e / hotcold time?)	0	1			
3. What is the name of this communit	ty/plac	ee	0	1			
For questions 4 & 5 you will need thr	ee itei	ns: comb, pannikii	n (cup,	and n	natche	rs.	
Recognition and naming 4. Hold up each item in turn and ask							
What do you call this?	4.1	comb	0	1			
	4.2	pannikin (cup)	0	1			
	4.3	matches	0	1			
(If the subject has poor vision put ec	ach obje	ect in their hand and o	ask then	n to rec	ognise	it.)	
5. Hold up each item in turn and ask What is this one for?	5.1	comb	0	1			
	5.2	pannikin	0	1			
Hide and object in turn	5.3	matches	0	1			
Hide each object in turn I'm going to put this one here, this on (Omit this if poor vision, and name of			_	here I]	put the	em.	
Registration 6. Tell me those things I showed you			0	1	2	3	
Verbal comprehension							
7. Shut your eyes			0	1			
8. First point to the sky and then poin	t to th	e ground.	0	1	2		
							5

Verbal fluency 9. Tell me the names of all the animals Time for one minute (Can prompt				ut in the	o air? iv	a the wa	tor?)	
Time for one minute (Can prompt	0 animals:	e. wn	ui ubbi	ii iii iiic		ine wai	c	
Total No	1-4 animals:				0			
Total No	5 –8 animals				1 2			Ш
	9 animals or		· ·		3			
Recall 10. Where did I put the comb? Where				Where		out the		
pannikin?	did i put the	mate	0	1	_	3		
pannikin:			U	1	2	3		
Visual naming 11. I'll show you some pictures. You for later on. Point to each picture and ask What' Now remember them because I'	s this? (Show	, boom	erang	as exan		ese pic	etures	
boy, emu, billy/fire, crocodile, bicycl	a	0	1	2	3	4	5	
boy, emu, buryrjire, crocoune, bicyci	e	U	1	2	3	4	3	
Frontal/executive function 12. Look at this. Now you copy it. Show alternating crosses and circles		0	1					
Free Recall								
13. You remember those pictures I sho	•	fore?	Wha	t were	those	picture	es?	
Tell me. (Show boomerang as exan	ıple)							
		0	1	2	3	4	5	
Cued Recall 14. Which one did I show you before?	one of three	e pictu 0	res, use 1	e boom 2	erang p 3	age as e 4	xample 5	
Praxis								
15. Open this bottle and pour water in	to this cup	0	1					
•	to uns cup							
16. Show me how to use this comb		0	1					
Score of	KICA ≤33/39 indicat						cal rev	/ 39

KICA-Depression:

I want to ask you some questions about how you are feeling within yourself:

1. How are you feeling now? Good (happy)? No good? good

*Sometimes*If no good, do you feel no good only sometimes.... all the time?

all the time

2. Do you worry about a lot of things?

*Sometimes*If yes, do you worry about things only sometimes.... all the time?

all the time

3. Do you still do things that make you happy? *yes* (eg. go fishing, play cards, visit other people)? *no*

4. Do you feel grumpy (growling at people a lot)?

*Sometimes*If yes, do you feel grumpy sometimes ...all the time?

all the time

5. Do you feel lazy....slack?

*sometimes*If yes, do you feel slack only sometimes....all the time?

all the time

6. Do you have a good sleep at night? Do you sleep all night? yes

pain, toilet, noise

If no, what makes you wake up? no reason

7. Are you sleeping too much during the daytime? no

sometimes

If yes, are you sleeping too much only sometimes...all the time?

all the time

8. Are you eating well?

*Sometimes*If no, do you not eat well sometimes......all the time?

all the time

9. Do you forget things a lot?

*Sometimes*If yes, do you forget things sometimes..... all the time?

all the time

10. Do you reckon you are still thinking straight? yes

*Sometimes*If no, do you have trouble thinking sometimes..... all the time?

all the time

FAMILY REPORT

I'd like to ask you some questions about (name). These questions are about his/her health and memory.

1. Has s/he ever had a str	oke? (gone w	reak down on	e side)
	yes	no	don't know
2. Has s/he got sugar sick	kness? (diabe	tes)	
c c	yes	no	don't know
3. Has s/he got high bloo	d pressure?		
	yes	no	don't know
4. Has s/he got heart prob	olems?		
	yes	no	don't know
5. Has s/he got kidney pr	oblems?		
	yes	no	don't know
6. Has s/he ever been kno	ocked out? (e	g. hit their he	•
	yes	no	don't know
7. Has s/he ever been sad)	
	yes	no	don't know
7.1 <i>if yes</i> - have the	ey had medici	ines for that?	•
	yes	no	don't know
8. Does s/he have trouble	walking?		
	yes	no	don't know
9. Does s/he fall down a	lot?		
_	yes	no	don't know
9.1 <i>if yes</i> - do they	hurt themselv	ves?	
	yes	no	don't know
10. Does s/he have any p	ain?		
10.1 if use someti	yes	no	don't know
10.1 <i>if yes</i> - someti	sometimes	the time?	all of the time
11. Does s/he remember	to take their :	medicines?	
11. DOGS STIL TUITUUT	yes	no	don't know
11.1 Do you have	•		WOLV FINITOTY
	yes	no	don't know
12. Is there anything else	you are wor	ried about?	

FAMILY - SMOKING AND ALCOHOL HISTORY

1. Does s/ne drink grog?		
	no	yes
(If no go to 2)		
1.1 How many times a week?	only sometimes	every day
1.2 How much?	just few drinks	until s/he's drunk
1.3 How long for?	not long	for a long time
(not lor	ng is less than 10 yrs, long tin	ne is more than 10 yrs)
2. Did s/he drink when s/he was young	5?	
	no	yes
(If no go to 3)		
2.1 Did s/he drink every day?	no	yes
2.2 Did s/he used to get drunk?		yes
2.3 <i>if they have quit</i> - When did		yes
2.5 y mey have quit- when did	not long ago	long time ago
	noi tong ago	iong time ago
3. Does s/he smoke?		
	no	yes
(If no go to 4)		
3.1 How many in one day?		
	<pre>little bit: (less than1 packet)</pre>	big mob: (1 packet or more)
3.2 How long has s/he been smo	oking?	
	not long	long time
4. Did s/he smoke when s/he was your	າດ?	
4. Did sine smoke when sine was your	no	yes
(If no go to 5)		<i>yea</i>
4.1How many in one day?		
, , ,	<pre>little bit: (less than1 packet)</pre>	big mob: (1 packet or more)
4.2 if they have quit- When did		7
J J I	not long ago	long time ago
5. Does s/he chew tobacco?		
3. Does sine thew tobacco:	no	vas
	no	yes
5.1 Did s/he chew when s/he wa	as voung?	
5.12 2.13 5.110 the We	no	yes
		-

KICA-Carer: COGNITIVE INFORMANT REPORT

1. Have you noticed that s/he (name) is forgetting	ng a lot of thing	gs?	
	no	0	
If yes: Does this happen	sometimes	1	
	all the time	2	
2. Does s/he forget the names of his family?			
	no	0	
If yes: Does this happen	sometimes	1	
	all the time	2	
3. Does s/he forget what happened yesterday?			
	no	0	
If yes: Does this happen	sometimes	1	
	all the time	2	
4. Does s/he forget where s/he is now?			
C	no	0	
If yes: Does this happen	sometimes	1	
	all the time	2	
5. Does s/he say the same thing over and over?			
	no	0	
If yes: Does this happen	sometimes	1	
	all the time	2	
6. Can s/he remember which week is pension w	veek?		
-	yes	0	
<i>If no:</i> Does this happen	sometimes	1	
	all the time	2	
7. Does s/he keep walking away and getting lo	st?		
	no	0	
If yes: Does this happen	sometimes	1	
	all the time	2	
8. Does s/he do things that are wrong in Aborig	inal wav?		
(eg. calling out names of people who have passe	•		
(35. carring out names of people who have passe	no	0	
If yes: Does this happen	sometimes	1	
2) Jose 2000 and happen	all the time	2	
	citi tite tillie	-	

KICA-Carer TOTAL SCORE: _____/16

 $Score \ge 3/16$ further investigations required

KICA-Behaviour: Family report

1. Is s/he happy most of the time? (If yes, go to 3)	yes / no
2. Is s/he sad most of the time?2.1 If yes, is this different from before?	yes / no yes / no
3. Is s/he sleeping well at night? 3.1 If no, is this different from before?	yes/no yes/no
4. Is s/he sleeping all the time? Sleep day and night? 4.1 If yes, is this different from before?	yes / no yes / no
5. Is s/he eating properly?5.1 If no, is this different from before	yes / no yes / no
6. Is s/he growling a lot (eg. at his grannies)? 6.1 If yes, is this different from before?	yes/no yes/no
7. Does s/he laugh for no reason? 7.1 If yes, is this different from before?	yes / no yes / no
8. Does s/he blame people for no reason? 8.1 If yes, is this different from before?	yes / no yes / no
9. Does s/he see things that are not really there? 9.1 If yes, is this different from before?	yes/no yes/no
10. Does s/he hear things that are not really there? 10.1 If yes, is this different from before?	yes / no yes / no
11. Is s/he frightened of people for no reason? 11.1 If yes, is this different from before?	yes / no yes / no
12. Does s/he hit people for no reason? 12.1 If yes, is this different from before?	yes/no yes/no

13. If family has noticed changes in memory or behaviour:

Did their memory / behaviour - get worse slowly and gradually? - change quickly, all of a sudden? Write details (when did memory change, what symptoms etc)...

14. Is there anyone in th		•	ngs all the time? (alive today) don't know
Write relationship:	yes	no 	don i know
15. Was anyone else in t	=		
Write relationship:	yes	no 	don't know
KICA-ADL: I'd like to ask you quest	ions about w	hat <i>name</i> c	an do for himself / herself.
1. Can s/he still do her o	wn work? (¡ yes	paid and unpaid no	eg. cooking/cleaning/making fire) don't know
2. Can s/he still go eg. f	ishing, play yes	cards? (activi	ties they enjoy) don't know
3. Can s/he look after his	s/her own m	oney?	don't know
4. Can s/he feed himself	? yes	no	don't know
5. Can s/he put on his/he	er clothes?	no	don't know
6. Can s/he shower hims	self/ herself?	no	don't know
7. Does s/he have troubl	e finding the	e toilet?	don't know
8. Does s/he make gumb	ou (urine) in yes	bed in the nig	ht? don't know
9. Does s/he make gumb	ou (urine) in yes	trousers/dress	in the daytime? don't know
10. Does s/he make gura	(bowel mot	tion) in his tro	users/dress? don't know