## Paediatric Care and Needs Scale 2

© Tate, Soo, and Wakim; May, 2014

Client name:  Date of interview:		DOANIC O
DOB: Age:		PCANS-2
Date of ABI:		
Cause of ABI:		RECORD
GCS/PTA/Severity (if known/applicable):		RESONS
Informant type: Parent / Other:		FORM A
Date of Last PCANS-2:		
Current Examiner's Name:	5	to 7 years
Have you attended PCANS-2 training: Yes / No		

#### **Instructions:**

This questionnaire focuses on a range of activities children perform every day. For each activity please indicate:

- (1) Whether your child requires:
  - Physical assistance someone to do the activity for them, hands-on assistance, help with set-up;

AND/OR

- Supervision verbal prompts or indirect supervision
- (2) If no supports are needed then

0 = "none"

(3) If your child requires physical assistance and/or supervision for that activity, please indicate whether the level they require is:

1 = "some" or

2 = "a lot"

These supports may be provided by you the parent/caregiver, a family member, a teacher, an external service or other. Each rating is made according to how things are for your child now.

Note to clinician: For each applicable item, enter a score (0, 1, or 2) in both Physical assistance and

Supervision sections.
Influence of other Factors on Item Score In the column "Other influences" record the presence of factors pertinent to any item that are not resultant from the child's ABI using the following abbreviations:  C=cultural beliefs or habits  N=non-ABI factors such as fractures, spinal cord injury occurring concurrently to the ABI  Pre=pre-existing health, medical, learning or developmental problems  O=other influences, e.g. medical conditions occurring since the ABI.  EXPLAIN ANY SUCH FACTORS FOR THIS CHILD



Please consult manual for detailed item definitions

### PCANS 2 FORM A - 5 to 7 years

Scoring instructions for clinicians Items where expect independence (IND; white boxes) and emerging skills (EM, pale grey boxes): Physical assistance (fully assisted in doing activity, or hands-on help/set up): 0 = independent 1 = needs some assistance 2 = needs a lot of assistance  Supervision (needs verbal prompts or indirect supervision): 0 = independent 1 = needs some supervision 2 = needs a lot of supervision ITEMS WHERE SKILLS NOT EXPECTED (NE; DARK GREY BOXES): DO NOT SCORE	Phys. Assistance	Supervision	Comments	Other Influences
Domain I. <u>High level needs</u> :  Does your child require support (physical assistance or supervision) for the following?	PA	S	* Items 1-3 scored as 0=no support required 2=needs support	
1. Tracheostomy management * Items 1-3 are scored as 0 or 2.  Please circle correct score. If PA = 2 then S score = 2 by default for items 1-3 only.	0/2	0/2		
2. Nasogastric/PEG feeding *	0/2	0/2		
3. Bed mobility if unable to independently turn over in bed *	0/2	0/2		
4. Management of wandering behaviour	,	,		
5. Management of harmful behaviour (exhibits behaviours that have the potential to cause harm to self or others)				
6. Communicating basic needs due to language impairments				
7. Eating				
8. Transfers/indoor mobility				
Total raw score: Domain I. High level needs				

<sup>\*</sup> Items 1-3 are scored as 0 or 2. Please circle correct score

Does y	n II. <u>Personal hygiene:</u> our child require support (physical assistance or supervision) following?	PA	S	
IND	9. Continence: bladder and bowel during day			
EM	10. Continence: bladder and bowel during night			
EM	11. Toileting (includes hygiene and clothes management)			
EM	12. Washing face/hands			
EM	13. Brushing or combing hair			
EM	14. Cleaning/brushing teeth			
NE	15. Period management, shaving (if appropriate)			
Total	raw score: Domain II. Personal Hygiene			

Does ye	n III. <u>Bathing/dressing</u> : our child require support (physical assistance or supervision) following?	PA	S	
EM	16. Simple dressing and undressing including doing fasteners (e.g. buttons and zips)			
EM	17. Dressing to suit the occasion			
EM	18. Washing self in bath/shower			
EM	<ol><li>Putting on socks and shoes including fasteners (e.g. shoelaces)</li></ol>			
EM	20. Washing hair			
EM	21. Forethought to ensure bath/shower safety (e.g. water temperature)			
EM	22. Dressing to suit the weather			
Total	raw score: Domain III. Bathing/dressing			



			r		
	instructions for clinicians				
grev box	here expect independence (IND; white boxes) and emerging skills (EM, pale				
	l assistance (fully assisted in doing activity, or hands-on help/set up):				
	ependent				
	ds some assistance	ø			S
2 = nee	ds a lot of assistance	anc			Juce
Cuponii	oign (noode verbal prompte or indirect cupervision).	ista	on	<u> </u>	nei
	sion (needs verbal prompts or indirect supervision): ependent	455	/iSi	en en	Infl
	ds some supervision	s.	Ser.	E	e
	ds a lot of supervision	Phys. Assistance	Supervision	Comments	Other Influences
	WHERE SKILLS NOT EXPECTED (NE; DARK GREY BOXES): DO NOT SCORE		0,	3	
	in IV. <u>Food preparation activities</u> :				
	your child require support (physical assistance or supervision)	PA	S		
for the	following?				
IND	23. Using cups				
EM	24. Preparing simple snacks (no cooking or mixing involved)				
EM	25. Using cutlery				
EM	26. Using jugs/carton/bottles (including when full/heavy)				
EM	27. Using microwave/simple heating up of food				
EM	28. Setting table, clearing table				
EM	29. Cooking simple foods				
	ŭ i	_			
NE .	30. Preparing and cooking a hot meal	_			
Total	raw score: Domain IV. Food preparation activities				
Domai	in V. Shopping:				
	your child require support (physical assistance or supervision)	PA	S		
	e following?				
EM	31. Simple shopping (school canteen)				
EM	32. Shopping at local shops				
NE	33. Shopping with a prepared shopping list				
NE	34. Buying ingredients for preparing main meal				
NE	35. Generating and using a shopping list				
		_			
TOLAT	raw score: Domain V. Shopping				
Domai	in VI. Home activities:				
	e describe your child's regular chores:				
			_		
		PA	S		
Does	your child require support (physical assistance or supervision				
	e following)?				
	36. Placing clothes in laundry basket, putting clothes away				
EM	in cupboard/drawers				
	37. Keeping tidy main living areas of home (their own				
EM					
EN4	belongings, toys)				+
EM	38. Tidying and cleaning own bedroom				1
EM	39. Making own bed				1
	40. Doing regular chores for which they are responsible (e.g.				
EM					
EM	taking out garbage)				
EM					



Scoring i	nstructions for clinicians				
	hardedons for clinicians here expect independence (IND; white boxes) and emerging skills (EM, pale				
grey boxe	es):				
	assistance (fully assisted in doing activity, or hands-on help/set up):				
0 = indep	pendent Is some assistance	45			
	s a lot of assistance	Phys. Assistance			Other Influences
	0 4 10t 01 400/10td.1100	star	_		euc
	ion (needs verbal prompts or indirect supervision):	SSiS	Supervision	Comments	nJJ
0 = indep		. As	ΞΞ	⊔ e L	=
	ls some supervision Is a lot of supervision	ıλs	edr.	ш	ць
	HERE SKILLS NOT EXPECTED (NE; DARK GREY BOXES): DO NOT SCORE	₫.	ડે	ŏ	ō
	n VII. Health, safety and medication use:				
	indicate the child's regular medications (if applicable):				
		PA	S		
			_		
Does vo	our child require support (physical assistance or supervision				
	following)?				
	42. Independently seeking adult support and guidance				
IND	when needed				
	43. Following rules and safety precautions at school and in				
IND	the community				
IND	44. Following safety precautions at home				
EM	45. Responding to novel/emergency situations				
□IVI					
EM	46. Dealing with vulnerability risks (e.g. opening front door				
	to strangers & letting them in)				
EM	47. Using the internet safely (including understanding				
NIE	privacy issues, restricted sites)				
NE	48. Responsible behaviour regarding drugs, alcohol or sex				
NE	49. Understanding and managing sexually transmitted				
	diseases				
NE	50. Able to use own (regular) medications				
NE	51. Making and keeping health/medical appointments				
Total I	raw score: Domain VII. Health, safety and				
media	cation use				
	n VIII. <u>Money management</u> :		_		
Does yo	our child require support (physical assistance or supervision)	PA	S		
	following?				
EM	52. Counting change accurately				
EM	53. Saving for at least one major purchase				
EM	54. Earning pocket money				
	55. Understanding concept of repaying loans from own				
EM	pocket money				
NE	56. Having simple job such as paper round or delivering				
NE	pamphlets (usually no money exchange involved)				
NE	57. Babysitting and/or looking after younger siblings				
NE	58. Accessing a bank account				
	59. Responsibly using own bank account (e.g. EFTPOS, ATM,				
NE	internet banking)				
Total	raw score: Domain VIII. Money management				
Total	raw 30016. Domain viii. Worldy management				



Items wh grey boxe Physical: 0 = indep 1 = need 2 = need Supervisi 0 = indep 1 = need 2 = need	assistance (fully assisted in doing activity, or hands-on help/set up): bendent s some assistance s a lot of assistance ion (needs verbal prompts or indirect supervision):	Phys. Assistance	Supervision	Comments	Other Influences
Does yo	Domain IX. Everyday devices:  Does your child require support (physical assistance or supervision) for the following?		S		
IND	60. Simple use of everyday equipment (e.g. simple use of TV, video, DVD, computer [including computer games], simple email/mobile use)				
EM	61. Simple telephone use including answering phone calls at home (e.g. getting the right person for the call and taking messages)				
EM	62. Dialling emergency numbers (understands concept)				
EM	63. Using home phone routinely and appropriately (e.g. including making and answering calls, understanding about cost of calls)				
Total	raw score: Domain IX. Everyday devices				

Does y	n X. <u>Transport and outdoor surfaces</u> : our child require support (physical assistance or supervision) following?	PA	S	
IND	64. Getting in and out of the car			
IND	65. Getting around in outside areas of the home, e.g. in the driveway, up and down the stairs			
EM	66. Fastening seat belts			
EM	67. Road crossing (adequate understanding/judging of speed and time of approaching vehicles)			
EM	68. Getting on and off bus			
EM	69. Getting on and off train or tram			
NE	70. Catching public transport to school and familiar places			
NE	71. Using public transport to get to unfamiliar places/complicated destinations			
Total surfa	raw score: Domain X. Transport and outdoor ces			



Items wh grey boxe Physical a 0 = indep 1 = need 2 = need Supervisi 0 = indep 1 = need 2 = need	assistance (fully assisted in doing activity, or hands-on help/set up): bendent s some assistance s a lot of assistance ion (needs verbal prompts or indirect supervision):	Phys. Assistance	Supervision	Comments	Other Influences
	n XI. <u>Interpersonal relationships:</u> our child require support (supervision and guidance) for the ng?	PA	s	PA not scored for Interpersonal Relationships domain	
IND	72. Having age-appropriate behaviour in the classroom				
IND	73. Having age-appropriate behaviour at home				
IND	74. Forming friendships: Having a friend/s for 1 week to 1 term				
IND	75. Interacting appropriately with younger children				
IND	76. Maintaining friendships: Having established friend/s (i.e. for more than a year)				
EM	77. Having appropriate manners in public				
EM	78. Other centredness: Reading situation/non-verbal cues from others (e.g. knows when to stop annoying behaviour)				
EM	79. Interacting appropriately within peer group				
EM	80. Having appropriate impulse control while playing				
EM	<ol> <li>Conversation appropriateness: Turn-taking in conversations (not too talkative/quiet)</li> </ol>				
EM	82. Monitoring own behaviour when interacting with others in public				
EM	83. Tactfulness and sensitivity (e.g. not making statements that may embarrass or offend others)				
NE	84. Having appropriate intimate interactions with peers				
Total	raw score: Domain XI. Interpersonal relationships				

Does y	n XII. <u>Leisure, recreation and play</u> : our child require support (physical assistance or supervision) following?	PA	S	
IND	85. Initiating play and being cooperative in small groups (two or three children)			
IND	86. Turn-taking while playing in large groups (four or more children)			
IND	87. Playing alone (includes initiating, planning and maintaining play)			
EM	88. Simple use of the internet (e.g. pre-selected sites)			
EM	89. Having a hobby or interest			
EM	90. Participating in non-school activities (e.g. sports)			
EM	91. Time management and planning for recreational/school projects			
NE	92. Practical organising of recreational activities for a group of friends including use of timetables (e.g. going to the movies)			
Total	raw score: Domain XII. Leisure, recreation and play			



Items who grey boxe Physical a 0 = indep 1 = needs 2 = needs 0 = indep 1 = needs 0 = indep 1 = needs 2 = needs 0 = n	assistance (fully assisted in doing activity, or hands-on help/set up): bendent as some assistance as a lot of assistance on (needs verbal prompts or indirect supervision):	Phys. Assistance	Supervision	Comments	Other Influences
	n XIII. <u>School:</u>				
	indicate if child needs and/or receives integration support or				
other in	nformal educational support (tick):				
	☐ None ☐ Needed ☐ Received	PA	S		
Please	specify:	171	•		
_					
	our child require support (physical assistance or supervision				
	following)?				
IND	93. Paying attention for at least 15 minutes during class				
EM	94. Writing short notes				
EM	95. Understanding written notes 96. Giving correct name (Y/N), address (Y/N) and telephone				
EM	number (Y/N)				
	97. Responding to multi-step instructions – at least 2-3				
EM	components				
	98. Packing school bag appropriately (e.g. lunch, books,				
EM	sports gear)				
EM	99. Telling the time				
EM	100. Getting to school on time				
EM	101. Working appropriately at school tasks (e.g. not				
⊏IVI	becoming discouraged/quitting, stays on task)				
EM	102. Completing homework				
NE	103. Following school timetable (if appropriate)				
NE	104. Using calendar/desk diary				
NE	105. Filling out application form or writing a				
	formal/application letter				
Total	raw score: Domain XIII. School				

Please specify:	any areas that have not been covered by	tilis questionnaire?



### THIS PAGE IS INTENTIONALLY LEFT BLANK



## Paediatric Care and Needs Scale (PCANS-2) Scoring Work Sheet for Form A\*

Name: Date:

	Column 1	Column 2	Column 3	Column 4	Column 5			
Domain	Raw score (transfer from record form)  Number of applicable items		Number of items actually administered (if differs from column 2)	Raw score (col. 1) divided by number of items actually administered (column 2 or 3)	Domain Mean score (Type of support needs; possible score range 0-2) to 2 decimal places			
1. Physical Assistance								
I: High level		8		/				
II: Personal hygiene		6		/				
III: Bathing / dressing		7		/				
IV: Food preparation		7		/				
V: Shopping		2		/				
VI: Home activities		6		/				
VII: Health, safety & meds		5		/				
VIII: Money management		4		/				
IX: Everyday devices		4		/				
X: Transport & outdoors		6		/				
XI: Relationships			Not sco	ored				
XII: Leisure, rec & play		7		/				
XIII: School		10		/				
	Intensity	of support ne	eds for <b>Physical A</b>	ssistance score	(Λ)			
			ımn 5; possible sco		(A)			
			eds for <b>Physical As</b>					
			I (A) ÷ number of		(B)			
	[mean on	=	le score range 0-2	· · · · · ·				
2 Supervision		(possic	le score range o-z					
2. Supervision I: High level		8		/				
II: Personal hygiene		6		/				
III: Bathing / dressing	+	7		/				
IV: Food preparation	+	7		/				
V: Shopping		2		/				
VI: Home activities		6		/,				
VII: Health, safety & meds		6		/,				
				/				
VIII: Money management		4		/				
IX: Everyday devices		4		/				
X: Transport & outdoors		6		/				
XI: Relationships		12		/				
XII: Leisure, rec & play		10		/				
XIII: School		10						
	<u>Intensity</u> of support needs for <b>Supervision</b> score (sum of scores in Column 5; possible score range 0-26)							
	Ext	ent of suppor	t needs for <b>Supervi</b>	sion score				
	[mean of:	(D)						
	(possible score range 0-2)  Overall Intensity of support needs for Physical Assistance							
	Overall II	(E)						
	/	(-)						
	(sum							
	Overall Ex		t needs for <b>Physica</b>		/=\			
		-	n score (B + D) · le score range 0-2		(F)			

NOTE: All calculations correct to 2 decimal places
\* Refer to PCANS-2 Summary Score Forms for child's age

# PCANS-2 Summary Score Form (5 year old)

©Tate, Soo and Wakim, 2014

Child's name: Date of assessment: Assessed by:

School year: MRN:

## **Summary Score Interpretation**

Score	Score reference	Child's score	Age Mean	Age SD	Score 2 SD above age mean	Maximum score of norms for age group	Maximum possible score
Intensity of support: Physical assistance	Α		4.85	2.48	9.81	10.88	24
Extent of support: Physical assistance	В		0.40	0.21	0.82	0.91	2
Intensity of support: Supervision	С		10.22	1.99	14.20	13.03	26
Extent of support: Supervision	D		0.79	0.15	1.09	1.00	2
Overall intensity of support for PA and S	E		15.06	3.36	21.78	22.38	50
Overall extent of support for PA and S	F		0.59	0.14	0.87	0.90	2

## **Domain Score Interpretation** (maximum score =2)

		PHYSICAL ASSISTANCE (PA)				SUPERVISION					
	Domain	Child's PA score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age	Child's Super- vision score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age
I	High level needs		-	-	-	-		-	-	-	-
II	Personal hygiene		0.39	0.29	0.97	1.00		0.73	0.30	1.33	1.17
III	Bathing/ dressing		0.62	0.36	1.34	1.25		0.92	0.45	1.82	2.00
IV	Food preparation activities		0.40	0.27	0.94	1.00		0.78	0.33	1.44	1.50
V	Shopping		0.31	0.62	1.55	2.00		0.83	0.87	2.57*	2.00
VI	Home activities		0.32	0.54	1.40	1.75		1.53	0.47	2.47*	2.00
VII	Health, safety and medication use		0.25	0.31	0.87	1.20		0.70	0.45	1.60	1.60
VIII	Money management		1.27	0.75	2.77*	2.00		1.46	0.59	2.64*	2.00
IX	Everyday devices		0.33	0.45	1.23	1.50		0.41	0.47	1.35	1.50
Х	Transport and outdoor surfaces		0.43	0.27	0.97	1.00		0.72	0.33	1.38	1.33
XI	Interpersonal relationships	N/A	N/A	N/A	N/A	N/A		0.43	0.23	0.89	0.92
XII	Leisure, recreation and play		0.16	0.24	0.64	1.00		0.43	0.29	1.01	1.00
XIII	School		0.42	0.29	1.00	1.07		0.93	0.35	1.63	1.57

<sup>\*</sup>Note: this is the actual score that is 2 SD above the mean, but it exceeds the maximum score of 2

# PCANS-2 Summary Score Form (6 year old)

©Tate, Soo and Wakim, 2014

Child's name: Date of assessment: Assessed by:

School year: MRN:

## **Summary Score Interpretation**

Score	Score reference	Child's score	Age Mean	Age SD	Score 2 SD above age mean	Maximum score of norms for age group	Maximum possible score
Intensity of support: Physical assistance	Α		4.19	2.56	9.31	9.07	24
Extent of support: Physical assistance	В		0.35	0.21	0.77	0.76	2
Intensity of support: Supervision	С		7.16	1.95	11.06	11.44	26
Extent of support: Supervision	D		0.55	0.15	0.85	0.88	2
Overall intensity of support for PA and S	E		11.35	4.17	19.69	20.51	50
Overall extent of support for PA and S	F		0.45	0.17	0.79	0.82	2

## **<u>Domain Score Interpretation</u>** (maximum score =2)

		PHYSICAL ASSISTANCE (PA)				SUPERVISION					
	Domain	Child's PA score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age	Child's Super- vision score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age
1	High level needs		-	1	1	-		-	-	-	-
II	Personal hygiene		0.22	0.26	0.74	1.17		0.52	0.31	1.14	1.17
III	Bathing/ dressing		0.67	0.47	1.61	1.86		0.83	0.40	1.63	1.86
IV	Food preparation activities		0.33	0.25	0.83	0.86		0.52	0.32	1.16	1.20
V	Shopping		0.26	0.42	1.10	1.00		0.30	0.52	1.34	2.00
VI	Home activities		0.45	0.55	1.55	1.60		1.42	0.48	2.38*	2.00
VII	Health, safety and medication use		0.16	0.23	0.62	0.80		0.43	0.24	0.91	1.00
VIII	Money management		0.69	0.68	2.05*	2.00		0.77	0.63	2.03*	2.00
IX	Everyday devices		0.18	0.29	0.76	1.00		0.23	0.31	0.85	1.00
Х	Transport and outdoor surfaces		0.36	0.33	1.02	1.00		0.63	0.41	1.45	1.33
XI	Interpersonal relationships	N/A	N/A	N/A	N/A	N/A		0.35	0.23	0.81	0.90
XII	Leisure, recreation and play		0.26	0.29	0.84	0.83		0.38	0.28	0.94	1.00
XIII	School		0.48	0.38	1.24	1.30		0.77	0.37	1.51	1.71

<sup>\*</sup>Note: this is the actual score that is 2 SD above the mean, but it exceeds the maximum score of 2

# PCANS-2 Summary Score Form (7 year old)

©Tate, Soo and Wakim, 2014

Child's name: Date of assessment: Assessed by:

School year: MRN:

## **Summary Score Interpretation**

Score	Score reference	Child's score	Age Mean	Age SD	Score 2 SD above age mean	Maximum score of norms for age group	Maximum possible score
Intensity of support: Physical assistance	Α		3.50	2.54	8.58	9.42	24
Extent of support: Physical assistance	В		0.29	0.21	0.71	0.78	2
Intensity of support: Supervision	С		6.12	2.35	10.82	11.40	26
Extent of support: Supervision	D		0.47	0.18	0.83	0.88	2
Overall intensity of support for PA and S	E		9.62	4.63	18.88	19.11	50
Overall extent of support for PA and S	F		0.38	0.19	0.76	0.77	2

## **Domain Score Interpretation** (maximum score =2)

		PHYSICAL ASSISTANCE (PA)				SUPERVISION					
	Domain	Child's PA score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age	Child's Super- vision score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age
I	High level needs		-	-	ı	-		-	-	-	-
II	Personal hygiene		0.18	0.19	0.56	0.50		0.46	0.31	1.08	1.33
III	Bathing/ dressing		0.49	0.41	1.31	1.33		0.73	0.47	1.67	2.00
IV	Food preparation activities		0.27	0.22	0.71	0.80		0.48	0.29	1.06	1.29
٧	Shopping		0.3	0.65	1.60	2.00		0.33	0.60	1.53	2.00
VI	Home activities		0.5	0.6	1.70	1.80		1.24	0.54	2.32*	2.00
VII	Health, safety and medication use		0.26	0.33	0.92	1.20		0.34	0.30	0.94	1.00
VIII	Money management		0.53	0.67	1.87	2.00		0.62	0.69	2.00	2.00
IX	Everyday devices		0.22	0.35	0.92	1.00		0.25	0.38	1.01	1.00
Х	Transport and outdoor surfaces		0.24	0.3	0.84	1.00		0.41	0.32	1.05	1.17
XI	Interpersonal relationships	N/A	N/A	N/A	N/A	N/A		0.31	0.25	0.81	1.17
XII	Leisure, recreation and play		0.21	0.3	0.81	1.14		0.33	0.27	0.87	1.14
XIII	School		0.37	0.35	1.07	1.44		0.65	0.33	1.31	1.14

<sup>\*</sup>Note: this is the actual score that is 2 SD above the mean, but it exceeds the maximum score of 2