

Paediatric Care and Needs Scale 2

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Client name: _____
Date of interview: _____
DOB: _____ Age: _____
Date of ABI: _____
Cause of ABI: _____
GCS/PTA/Severity (if known/applicable): _____
Informant type: Parent / Other: _____
Date of Last PCANS-2: _____
Current Examiner's Name: _____
Have you attended PCANS-2 training: Yes / No



PCANS-2

RECORD

FORM C

12 to 14 years

Instructions:

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

(1) Whether your child requires:

- i. Physical assistance – someone to do the activity for them, hands-on assistance, help with set-up;
AND/OR
- ii. 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 C – 12 to 14 years

Scoring instructions for clinicians Items where expect independence (IND; white boxes) and emerging skills (EM, pale grey boxes): <u>Physical assistance (fully assisted in doing activity, or hands-on help/set up):</u> 0 = independent 1 = needs some assistance 2 = needs a lot of assistance <u>Supervision (needs verbal prompts or indirect supervision):</u> 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. High level needs: 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 * <i>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.</i>	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				

* Items 1-3 are scored as 0 or 2. Please circle correct score

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

Domain III. Bathing/dressing: Does your child require support (physical assistance or supervision) for the following?	PA	S		
IND 16. Simple dressing and undressing including doing fasteners (e.g. buttons and zips)				
IND 17. Dressing to suit the occasion				
IND 18. Washing self in bath/shower				
IND 19. Putting on socks and shoes including fasteners (e.g. shoelaces)				
IND 20. Washing hair				
IND 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				

Scoring instructions for clinicians Items where expect independence (IND; white boxes) and emerging skills (EM, pale grey boxes): <u>Physical assistance (fully assisted in doing activity, or hands-on help/set up):</u> 0 = independent 1 = needs some assistance 2 = needs a lot of assistance <u>Supervision (needs verbal prompts or indirect supervision):</u> 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 IV. Food preparation activities: Does your child require support (physical assistance or supervision) for the following?		PA	S		
IND	23. Using cups				
IND	24. Preparing simple snacks (no cooking or mixing involved)				
IND	25. Using cutlery				
IND	26. Using jugs/carton/bottles (including when full/heavy)				
IND	27. Using microwave/simple heating up of food				
EM	28. Setting table, clearing table				
EM	29. Cooking simple foods				
EM	30. Preparing and cooking a hot meal				
Total raw score: Domain IV. Food preparation activities					

Domain V. Shopping: Does your child require support (physical assistance or supervision) for the following?		PA	S		
IND	31. Simple shopping (school canteen)				
IND	32. Shopping at local shops				
EM	33. Shopping with a prepared shopping list				
EM	34. Buying ingredients for preparing main meal				
EM	35. Generating and using a shopping list				
Total raw score: Domain V. Shopping					

Domain VI. Home activities: Please describe your child's regular chores: <hr/> Does your child require support (physical assistance or supervision for the following)?		PA	S		
EM	36. Placing clothes in laundry basket, putting clothes away in cupboard/drawers				
EM	37. Keeping tidy main living areas of home (their own belongings, toys)				
EM	38. Tidying and cleaning own bedroom				
EM	39. Making own bed				
EM	40. Doing regular chores for which they are responsible (e.g. taking out garbage)				
EM	41. Washing up dishes				
Total raw score: Domain VI. Home activities					

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 VII. Health, safety and medication use: Please indicate the child's regular medications (if applicable): <hr/> <hr/> Does your child require support (physical assistance or supervision for the following)?		PA	S		
IND	42. Independently seeking adult support and guidance when needed				
IND	43. Following rules and safety precautions at school and in the community				
IND	44. Following safety precautions at home				
IND	45. Responding to novel/emergency situations				
IND	46. Dealing with vulnerability risks (e.g. opening front door to strangers & letting them in)				
EM	47. Using the internet safely (including understanding privacy issues, restricted sites)				
EM	48. Responsible behaviour regarding drugs, alcohol or sex				
EM	49. Understanding and managing sexually transmitted diseases				
NE	50. Able to use own (regular) medications				
NE	51. Making and keeping health/medical appointments				
Total raw score: Domain VII. Health, safety and medication use					

Domain VIII. Money management: Does your child require support (physical assistance or supervision) for the following?		PA	S		
IND	52. Counting change accurately				
EM	53. Saving for at least one major purchase				
EM	54. Earning pocket money				
EM	55. Understanding concept of repaying loans from own pocket money				
EM	56. Having simple job such as paper round or delivering pamphlets (usually no money exchange involved)				
EM	57. Babysitting and/or looking after younger siblings				
EM	58. Accessing a bank account				
NE	59. Responsibly using own bank account (e.g. EFTPOS, ATM, internet banking)				
Total raw score: Domain VIII. Money management					

Scoring instructions for clinicians Items where expect independence (IND; white boxes) and emerging skills (EM, pale grey boxes): <u>Physical assistance (fully assisted in doing activity, or hands-on help/set up):</u> 0 = independent 1 = needs some assistance 2 = needs a lot of assistance <u>Supervision (needs verbal prompts or indirect supervision):</u> 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 IX. Everyday devices: Does your child require support (physical assistance or supervision) for the following?		PA	S		
IND	60. Simple use of everyday equipment (e.g. simple use of TV, video, DVD, computer [including computer games], simple email/mobile use)				
IND	61. Simple telephone use including answering phone calls at home (e.g. getting the right person for the call and taking messages)				
IND	62. Dialling emergency numbers (understands concept)				
IND	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					

Domain X. Transport and outdoor surfaces: Does your child require support (physical assistance or supervision) for the 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				
IND	66. Fastening seat belts				
IND	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				
EM	70. Catching public transport to school and familiar places				
EM	71. Using public transport to get to unfamiliar places/complicated destinations				
Total raw score: Domain X. Transport and outdoor surfaces					

Scoring instructions for clinicians Items where expect independence (IND; white boxes) and emerging skills (EM, pale grey boxes): <u>Physical assistance (fully assisted in doing activity, or hands-on help/set up):</u> 0 = independent 1 = needs some assistance 2 = needs a lot of assistance <u>Supervision (needs verbal prompts or indirect supervision):</u> 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 XI. Interpersonal relationships: Does your child require support (supervision and guidance) for the following?		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)				
IND	77. Having appropriate manners in public				
IND	78. Other centredness: Reading situation/non-verbal cues from others (e.g. knows when to stop annoying behaviour)				
IND	79. Interacting appropriately within peer group				
EM	80. Having appropriate impulse control while playing				
EM	81. Conversation appropriateness: Turn-taking in conversations (not too talkative/quiet)				
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)				
EM	84. Having appropriate intimate interactions with peers				
Total raw score: Domain XI. Interpersonal relationships					

Domain XII. Leisure, recreation and play: Does your child require support (physical assistance or supervision) for the 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)				
IND	88. Simple use of the internet (e.g. pre-selected sites)				
IND	89. Having a hobby or interest				
IND	90. Participating in non-school activities (e.g. sports)				
EM	91. Time management and planning for recreational/school projects				
EM	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					

Scoring instructions for clinicians Items where expect independence (IND; white boxes) and emerging skills (EM, pale grey boxes): <u>Physical assistance (fully assisted in doing activity, or hands-on help/set up):</u> 0 = independent 1 = needs some assistance 2 = needs a lot of assistance <u>Supervision (needs verbal prompts or indirect supervision):</u> 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 XIII. School: Please indicate if child needs and/or receives integration support or other informal educational support (tick): <input type="checkbox"/> None <input type="checkbox"/> Needed <input type="checkbox"/> Received Please specify: _____ Does your child require support (physical assistance or supervision for the following)?		PA	S		
IND	93. Paying attention for at least 15 minutes during class				
IND	94. Writing short notes				
IND	95. Understanding written notes				
IND	96. Giving correct name (Y/N), address (Y/N) and telephone number (Y/N)				
IND	97. Responding to multi-step instructions – at least 2-3 components				
IND	98. Packing school bag appropriately (e.g. lunch, books, sports gear)				
IND	99. Telling the time				
EM	100. Getting to school on time				
EM	101. Working appropriately at school tasks (e.g. not becoming discouraged/quitting, stays on task)				
EM	102. Completing homework				
EM	103. Following school timetable (if appropriate)				
EM	104. Using calendar/desk diary				
EM	105. Filling out application form or writing a formal/application letter				
Total raw score: Domain XIII. School					

Does your child require supports in any areas that have not been covered by this questionnaire?
Please specify:

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Paediatric Care and Needs Scale (PCANS-2)

Scoring Work Sheet for Form C*

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 or 7		____/____	
III: Bathing / dressing		7		____/____	
IV: Food preparation		8		____/____	
V: Shopping		5		____/____	
VI: Home activities		6		____/____	
VII: Health, safety & meds		7		____/____	
VIII: Money management		7		____/____	
IX: Everyday devices		4		____/____	
X: Transport & outdoors		8		____/____	
XI: Relationships	Not scored				
XII: Leisure, rec & play		8		____/____	
XIII: School		13		____/____	
	Intensity of support needs for Physical Assistance score (sum of scores in Column 5; possible score range 0-24)				(A)
	Extent of support needs for Physical Assistance score [mean of: Intensity total (A) ÷ number of domains (n=12)] (possible score range 0-2)				(B)
2. Supervision					
I: High level		8		____/____	
II: Personal hygiene		6 or 7		____/____	
III: Bathing / dressing		7		____/____	
IV: Food preparation		8		____/____	
V: Shopping		5		____/____	
VI: Home activities		6		____/____	
VII: Health, safety & meds		8		____/____	
VIII: Money management		7		____/____	
IX: Everyday devices		4		____/____	
X: Transport & outdoors		8		____/____	
XI: Relationships		13		____/____	
XII: Leisure, rec & play		8		____/____	
XIII: School		13		____/____	
	Intensity of support needs for Supervision score (sum of scores in Column 5; possible score range 0-26)				(C)
	Extent of support needs for Supervision score [mean of: Intensity total (C) ÷ number of domains (n=13)] (possible score range 0-2)				(D)
	Overall Intensity of support needs for Physical Assistance and Supervision score: A + C (sum of above scores; possible score range 0-50)				(E)
	Overall Extent of support needs for Physical Assistance and Supervision score (B + D) ÷ 2 (possible 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 (12 year old)

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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	A		0.86	0.74	2.34	3.06	24
Extent of support: Physical assistance	B		0.07	0.06	0.19	0.26	2
Intensity of support: Supervision	C		3.55	1.75	7.05	7.85	26
Extent of support: Supervision	D		0.27	0.13	0.53	0.60	2
Overall intensity of support for PA and S	E		4.42	2.30	9.02	10.00	50
Overall extent of support for PA and S	F		0.17	0.09	0.35	0.39	2

Domain Score Interpretation (maximum score =2)

	Domain	PHYSICAL ASSISTANCE (PA)					SUPERVISION				
		Child's PA score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age	Child's Supervision score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age
I	High level needs		-	-	-	-		-	-	-	-
II	Personal hygiene		0.04	0.14	0.32	0.67		0.27	0.26	0.79	1.00
III	Bathing/dressing		0.00	0.03	0.06	0.14		0.17	0.17	0.51	0.57
IV	Food preparation activities		0.14	0.13	0.40	0.43		0.31	0.19	0.69	0.71
V	Shopping		0.15	0.31	0.77	1.33		0.22	0.28	0.78	1.00
VI	Home activities		0.18	0.36	0.90	1.50		1.23	0.56	2.35*	2.00
VII	Health, safety and medication use		0.06	0.12	0.30	0.43		0.34	0.28	0.90	1.17
VIII	Money management		0.03	0.09	0.21	0.33		0.11	0.19	0.49	0.67
IX	Everyday devices		0.00	0.00	0	0.00		0.04	0.12	0.28	0.50
X	Transport and outdoor surfaces		0.10	0.15	0.40	0.50		0.17	0.21	0.59	0.75
XI	Interpersonal relationships	N/A	N/A	N/A	N/A	N/A		0.13	0.21	0.55	0.83
XII	Leisure, recreation and play		0.10	0.15	0.40	0.50		0.21	0.16	0.53	0.50
XIII	School		0.05	0.10	0.25	0.40		0.34	0.33	1.00	1.15

*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 (13 year old)

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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	A		0.73	0.69	2.11	2.86	24
Extent of support: Physical assistance	B		0.06	0.06	0.18	0.24	2
Intensity of support: Supervision	C		2.64	1.17	4.98	4.88	26
Extent of support: Supervision	D		0.20	0.09	0.38	0.38	2
Overall intensity of support for PA and S	E		3.37	1.57	6.51	6.95	50
Overall extent of support for PA and S	F		0.13	0.06	0.25	0.28	2

Domain Score Interpretation (maximum score =2)

	Domain	PHYSICAL ASSISTANCE (PA)					SUPERVISION				
		Child's PA score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age	Child's Supervision score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age
I	High level needs		-	-	-	-		-	-	-	-
II	Personal hygiene		0.01	0.03	0.07	0.17		0.19	0.22	0.63	1.00
III	Bathing/dressing		0.00	0.03	0.06	0.14		0.10	0.11	0.32	0.43
IV	Food preparation activities		0.11	0.14	0.39	0.50		0.23	0.16	0.55	0.63
V	Shopping		0.13	0.21	0.55	0.75		0.12	0.20	0.52	0.75
VI	Home activities		0.14	0.28	0.70	1.00		0.86	0.54	1.94	2.00
VII	Health, safety and medication use		0.03	0.08	0.19	0.29		0.25	0.21	0.67	0.63
VIII	Money management		0.06	0.17	0.40	0.60		0.16	0.26	0.68	1.00
IX	Everyday devices		0.01	0.05	0.11	0.25		0.02	0.06	0.14	0.25
X	Transport and outdoor surfaces		0.04	0.10	0.24	0.43		0.08	0.14	0.36	0.50
XI	Interpersonal relationships	N/A	N/A	N/A	N/A	N/A		0.13	0.18	0.49	0.83
XII	Leisure, recreation and play		0.10	0.14	0.38	0.50		0.22	0.19	0.60	0.57
XIII	School		0.09	0.16	0.41	0.62		0.26	0.23	0.72	0.85

PCANS-2 Summary Score Form (14 year old)

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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	A		0.68	0.82	2.32	3.15	24
Extent of support: Physical assistance	B		0.06	0.07	0.20	0.26	2
Intensity of support: Supervision	C		2.83	1.36	5.55	7.07	26
Extent of support: Supervision	D		0.22	0.10	0.42	0.54	2
Overall intensity of support for PA and S	E		3.51	1.89	7.29	8.19	50
Overall extent of support for PA and S	F		0.14	0.07	0.28	0.32	2

Domain Score Interpretation (maximum score =2)

	Domain	PHYSICAL ASSISTANCE (PA)					SUPERVISION				
		Child's PA score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age	Child's Supervision score	Age mean	Age SD	Score 2 SD above age mean	Max score of norms for age
I	High level needs		-	-	-	-		-	-	-	-
II	Personal hygiene		0.00	0.03	0.06	0.14		0.14	0.16	0.46	0.50
III	Bathing/dressing		0.00	0.00	0.00	0.00		0.14	0.17	0.48	0.71
IV	Food preparation activities		0.03	0.06	0.15	0.14		0.20	0.16	0.52	0.57
V	Shopping		0.15	0.32	0.79	1.33		0.15	0.24	0.63	1.00
VI	Home activities		0.15	0.33	0.81	1.25		0.90	0.52	1.94	2.00
VII	Health, safety and medication use		0.04	0.12	0.28	0.57		0.29	0.28	0.85	1.13
VIII	Money management		0.07	0.16	0.39	0.57		0.17	0.28	0.73	1.00
IX	Everyday devices		0.01	0.05	0.11	0.25		0.02	0.09	0.20	0.50
X	Transport and outdoor surfaces		0.06	0.13	0.32	0.43		0.08	0.14	0.36	0.50
XI	Interpersonal relationships	N/A	N/A	N/A	N/A	N/A		0.15	0.20	0.55	0.67
XII	Leisure, recreation and play		0.10	0.16	0.42	0.16		0.26	0.23	0.72	0.88
XIII	School		0.07	0.11	0.29	0.42		0.34	0.26	0.86	1.13