NEUROSCIENCE RESEARCH NOTES

Current status of post-traumatic brain injury rehabilitation care in LMI Southeast Asian Countries: A mini systematic review

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Supplementary Table S1

Table S1: Quality analysis of prospective cohort studies using the Quality Assessment Tool for

Quantitative Studies by The Effective Public Health Practice Project (EPHPP).

	Questions	Mazlan _et al_ (2021)		Urbenjaphol _et al_ (2009)		Siti Fatahiyah & Hanapiah (2017)	
A) Selection bias	Q1	1	Strong	1	Strong	1	Strong
	Q2	1		1		1	
B) Study design	Q1	3	Moderate	5	Moderate	7	Moderate
C) Confounders	Q1	2	Strong	2	Strong	3	Moderate
	Q2	-		-		3	
D) Blinding	Q1	2	Moderate	2	Moderate	3	Weak
	Q2	3		3		3	
E) Data collection method	Q1	1	Strong	1	Strong	1	Moderate
	Q2	1		1		3	

F) Withdrawals and dropouts	Q1	1	Moderate	1	Strong	3	Weak
	Q2	2		1		4	
G) Intervention integrity	Q1	1	-	1	-	4	-
	Q2	1		1		3	
	Q3	5		5		6	
H) Analyses	Q1	2	-	2	-	1	-
	Q2	2		2		1	
	Q3	1		1		3	
	Q4	2		2		3	
Final Rating			Strong		Strong		Moderate

EPHPP Questions

A) SELECTION BIAS

(Q1) Are the individuals selected to participate in the study likely to be representative of the target population?

1 Very likely   2 Somewhat likely   3 Not likely   4 Can't tell

(Q2) What percentage of selected individuals agreed to participate?

1 80 - 100% agreement   2 60 – 79% agreement   3 less than 60% agreement   4 Not applicable 5 Can't tell

B) STUDY DESIGN

Indicate the study design

1 Randomized controlled trial   2 Controlled clinical trial   3 Cohort analytic

4 Case-control   5 Cohort (one group pre + post)   6 Interrupted time series

7 Other specify _____   8 Can't tell

C) CONFOUNDERS

(Q1) Were there important differences between groups prior to the intervention?

1 Yes   2 No   3 Can't tell

(Q2) If yes, indicate the percentage of relevant confounders that were controlled (either in the design (e.g. stratification, matching) or analysis)?

1 80 – 100% (most)   2 60 – 79% (some)   3 Less than 60% (few or none)   4 Can't Tell

D) BLINDING

(Q1) Was (were) the outcome assessor(s) aware of the intervention or exposure status of participants?

1 Yes   2 No   3 Can't tell

(Q2) Were the study participants aware of the research question?

1 Yes   2 No   3 Can't tell

E) DATA COLLECTION METHOD

(Q1) Were data collection tools shown to be valid?

1 Yes   2 No   3 Can't tell

(Q2) Were data collection tools shown to be reliable?

1 Yes   2 No   3 Can't tell

F) WITHDRAWALS AND DROP-OUTS

(Q1) Were withdrawals and drop-outs reported in terms of numbers and/or reasons per group?

1 Yes   2 No   3 Can't tell   4 Not Applicable

(Q2) Indicate the percentage of participants completing the study. (If the percentage differs by groups, record the lowest).

1 80 -100%   2 60 - 79%   3 less than 60%   4 Can't tell   5 Not Applicable

G) INTERVENTION INTEGRITY

(Q1) What percentage of participants received the allocated intervention or exposure of interest?

1 80 -100%   2 60 - 79%   3 less than 60%   4 Can't tell

(Q2) Was the consistency of the intervention measured?

1 Yes   2 No   3 Can't tell

(Q3) Is it likely that subjects received an unintended intervention (contamination or co-intervention) that may influence the results?

4 Yes   5 No   6 Can't tell

H) ANALYSES

(Q1) Indicate the unit of allocation

1 community   2 organization/institution   3 practice/office   4 individual

(Q2) Indicate the unit of analysis (circle one)

1 community   2 organization/institution   3 practice/office   4 individual

(Q3) Are the statistical methods appropriate for the study design?

1 Yes   2 No   3 Can't tell

(Q4) Is the analysis performed by intervention allocation status (i.e. intention to treat) rather than the actual intervention received?

1 Yes   2 No   3 Can't tell