

Supplementary files

Appendix A

Example of Search Strategy from OVID-Medline

1. ((telerehabilitation.mp. or Telemedicine/ or Telerehabilitation/ or Videoconferencing/ or Remote Consultation/) adj3 Traumatic brain injury.mp.) or Brain Injuries, Traumatic/
2. ((Exercise/ or accelerometry.mp. or Accelerometry/ or Physical Fitness/) adj3 Traumatic brain injury.mp.) or Brain Injuries, Traumatic/
3. (Synchronous supervision and Traumatic brain injury).mp. or Brain Injuries, Traumatic/ [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
4. (Asynchronous supervision and Traumatic brain injury).mp. or Brain Injuries, Traumatic/ [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
5. (mobile health.mp. or Telemedicine/) adj3 (Traumatic brain injury.mp. or Brain Injuries, Traumatic/)
6. Computer-Assisted Instruction/ or Telemedicine/ or asynchronous delivery.mp.
7. 5 and 6
8. 1 or 2 or 3 or 4 or 5 or 6
9. (physical therapy or physiotherapy or physical interventions).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
10. 8 and 9

Example of Search Strategy from CINAHL

- #1 telerehabilitation.mp. or Telemedicine/ or Telerehabilitation/ or Videoconferencing/ or Remote Consultation/
- #2 Traumatic brain injury.mp. or Brain Injuries, Traumatic/
- #3 #1 and #2
- #4 Exercise/ or accelerometry.mp. or Accelerometry/ or Physical Fitness/
- #5 #2 and #4
- #6 #3 and #4
- #7 Electronic Mail/ or Telecommunications/ or Computer Communication Networks/
- #8 #3 and #7
- #9 Synchronous delivery
- #10 #2 and #9
- #11 #1 and #9
- #12 mobile health.mp. or Telemedicine/
- #13 #2 and #12
- #14 #3 and #12
- #15 Computer-Assisted Instruction/ or Telemedicine/ or asynchronous delivery.mp.
- #16 #2 and #15

Appendix B

Scoping Review Remote supervision extraction form **(initially guided by Cochrane Collaboration)**

1. Date form completed (<i>dd/mm/yyyy</i>)	
2. Name/ID of person extracting data	
3. Study title	
4. Contact details of corresponding author	
5. Study ID (<i>e.g. 01 plus surname of first author and year first full report of study was published e.g. Smith 2001</i>)	
6. Country in which the study conducted	
7. Economic level of the country in which the study conducted (<i>e.g. low income, lower-middle income or upper-</i> <i>Rural or Urban if available</i>)	
8. Funding sources and possible conflict of interest	

Inclusion criteria for eligibility

	Inclusion criteria	Comments	Page in Article
Study type (levels of evidence)	1, 2, 3a,b * RCT, Systematic reviews, Cohort studies, Case-control studies		
Participants	Adult Moderate and Severe TBI (18-64years old)		

Methods

	Description	Page in Article
Study objectives		
Sampling		

Objective 1 and 2: Type of Remote supervision and Frequency of Remote Supervision

Description Type	Frequency of remote supervision	Comments	Page in Article

Objective 3: Types of outcome measures and rehabilitation

Outcomes	Outcome measures	Comments (Time points measured)	Page in Article

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Objective 3: Types of outcome measures and rehabilitation

Outcomes	Outcome measures	Comments (Time points measured)	Page in Article