



Excluded studies

Reference	Reason for exclusion
Pico 1–3	
Andersson EE, Bedics BK, Falkmer T. Mild traumatic brain injuries: a 10-year follow-up. <i>Journal of rehabilitation medicine</i> . 2011;43(4):323-9.	P
Bell KR, Brockway JA, Hart T, Whyte J, Sherer M, Fraser RT, et al. Scheduled telephone intervention for traumatic brain injury: a multicenter randomized controlled trial. <i>Arch Phys Med Rehabil</i> 2011;92:1552-60.	I
Bell KR, Temkin NR, Esselman PC, Doctor JN, Bombardier CH, Fraser RT, et al. The effect of a scheduled telephone intervention on outcome after moderate to severe traumatic brain injury: a randomized trial. <i>Archives of Physical Medicine & Rehabilitation</i> . 2005;86(5):851-6.	I
Bender A, Adrion C, Fischer L, Huber M, Jawny K, Straube A, et al. Long-term Rehabilitation in Patients With Acquired Brain Injury. <i>Dtsch Arztebl Int</i> . 2016 Sep 23;113(38):634-41.	P
Björkdahl A, Akerlund E, Svensson S, Esbjörnsson E. A randomized study of computerized working memory training and effects on functioning in everyday life for patients with brain injury. <i>Brain injury [serial on the Internet]</i> . 2013; 27(13-14).	P
Bombardier CH, Bell KR, Temkin NR, Fann JR, Hoffman J, Dikmen S. The efficacy of a scheduled telephone intervention for ameliorating depressive symptoms during the first year after traumatic brain injury. <i>The Journal of head trauma rehabilitation</i> . 2009 Jul-Aug;24(4):230-8.	I
Brasure M, Lamberty G, Sayer N, Nelson N, Macdonald R, Ouellette J, et al. Participation after multidisciplinary rehabilitation for moderate to severe traumatic brain injury in adults: a systematic review (Provisional abstract). <i>Archives of Physical Medicine and Rehabilitation</i> 2013;94:1398-1420.	I
Brasure M, Lamberty GJ, Sayer NA, Nelson NW, MacDonald R, Ouellette J, et al. AHRQ Comparative Effectiveness Reviews. In: <i>Multidisciplinary Postacute Rehabilitation for Moderate to Severe Traumatic Brain Injury in Adults</i> . Rockville (MD): Agency for Healthcare Research and Quality (US); 2012.	I
Braverman SE, Spector J, Warden DL, Wilson BC, Ellis TE, Bamdad MJ, et al. A multidisciplinary TBI inpatient rehabilitation programme for active duty service members as part of a randomized clinical trial. <i>Brain injury</i> . 1999;13(6):405-15.	S
Browne AL, Appleton S, Fong K, Wood F, Coll F, de Munck S, et al. A pilot randomized controlled trial of an early multidisciplinary model to prevent disability following traumatic injury. <i>Disability and rehabilitation</i> . 2013 Jul;35(14):1149-63.	P

Reference	Reason for exclusion
Cicerone KD, Mott T, Azulay J, Sharlow-Galella MA, Ellmo WJ, Paradise S, et al. A randomized controlled trial of holistic neuropsychologic rehabilitation after traumatic brain injury. Archives of physical medicine and rehabilitation. 2008;89(12):2239-49.	I
Doig E, Fleming J, Kuipers P, Cornwell PL. Comparison of rehabilitation outcomes in day hospital and home settings for people with acquired brain injury - a systematic review. Disabil Rehabil 2010;32:2061-77.	P
Elgmark Andersson E, Emanuelson I, Bjorklund R, Stalhammar DA. Mild traumatic brain injuries: the impact of early intervention on late sequelae. A randomized controlled trial. Acta neurochirurgica. 2007;149(2):151-9; discussion 60.	P
Engberg AW, Liebach A, Nordenbo A. Centralized rehabilitation after severe traumatic brain injury--a population-based study. Acta neurologica Scandinavica. 2006;113(3):178-84.	S
Ghaffar O, McCullagh S, Ouchterlony D, Feinstein A. Randomized treatment trial in mild traumatic brain injury. J Psychosom Res. 2006 Aug;61(2):153-60.	P
Glintborg C, Hansen TG. Bio-psycho-social effects of a coordinated neurorehabilitation programme: A naturalistic mixed methods study. NeuroRehabilitation. 2016;38(2):99-113	P
Hart T, et al. (2016). How do intensity and duration of rehabilitation services affect outcomes from severe traumatic brain injury? A natural experiment comparing health care delivery systems in 2 developed nations. Archives of physical medicine and rehabilitation 2016; 97(12): 2045-53.	S
Heskestad B, Waterloo K, Baardsen R, Helseth E, Romner B, Ingebrigtsen T. No impact of early intervention on late outcome after minimal, mild and moderate head injury. Scandinavian journal of trauma, resuscitation and emergency medicine. 2010;18:10.	P
Holleman M, Vink M, Horst R, Luijpen M, Rienstra A, Schmand B. Effects of a holistic neuropsychological rehabilitation programme (Intensive NeuroRehabilitation, INR) on emotional well-being, coping, and quality of life after acquired brain injury. Brain impairment [serial on the Internet]. 2012; 13(1).	S
Kim H, Colantonio A. Effectiveness of rehabilitation in enhancing community integration after acute traumatic brain injury: a systematic review. Am J Occup Ther 2010;64:709-19.	S
Kjeldgaard D, Forchhammer HB, Teasdale TW, Jensen RH. Cognitive behavioural treatment for the chronic post-traumatic headache patient: a randomized controlled trial. J Headache Pain. 2014 Dec 2;15:81.	I
Königs M, Beurskens EA, Snoep L, Scherder EJ, Oosterlaan J. Effects of Timing and Intensity of Neurorehabilitation on Functional Outcome After Traumatic Brain Injury: A Systematic Review and Meta-Analysis. Archives of Physical Medicine and Rehabilitation 2018.	I
Kumar KS, Samuelkamaleshkumar S, Viswanathan A, Macaden AS. Cognitive rehabilitation for adults with traumatic brain injury to improve occupational outcomes. Cochrane Database Syst Rev 2017;6:Cd007935.	I

Reference	Reason for exclusion
Martin EM, Coyle MK, Warden DL, Salazar A. Telephonic nursing in traumatic brain injury. <i>The American journal of nursing</i> 2003;103(10):75-81.	S
Ownsworth T, Fleming J, Shum D, Kuipers P, Strong J. Comparison of individual, group and combined intervention formats in a randomized controlled trial for facilitating goal attainment and improving psychosocial function following acquired brain injury. <i>Journal of rehabilitation medicine</i> 2008;40:81-8.	P
Paniak C, Toller-Lobe G, Reynolds S, Melnyk A, Nagy J. A randomized trial of two treatments for mild traumatic brain injury: 1 year follow-up. <i>Brain injury</i> . 2000 Mar;14(3):219-26.	P
Sveen U, Roe C, Sigurdardottir S, Skandsen T, Andelic N, Manskow U, et al. Rehabilitation pathways and functional independence one year after severe traumatic brain injury. <i>Eur J Phys Rehabil Med</i> . 2016 Oct;52(5):650-61.	Critical risk of bias
Trevena-Peters J, McKay A, Spitz G, Suda R, Renison B, Ponsford J. Efficacy of Activities of Daily Living Retraining During Posttraumatic Amnesia: A Randomized Controlled Trial. <i>Archives of physical medicine and rehabilitation</i> . 2018 Feb;99(2):329-37.e2.	I
Turner-Stokes L, Pick A, Nair A, Disler PB, Wade DT. Multi-disciplinary rehabilitation for acquired brain injury in adults of working age. <i>Cochrane Database Syst Rev</i> 2015:Cd004170.	P
Varner CE, McLeod S, Nahiddi N, Lougheed RE, Dear TE, Borgundvaag B. Cognitive Rest and Graduated Return to Usual Activities Versus Usual Care for Mild Traumatic Brain Injury: A Randomized Controlled Trial of Emergency Department Discharge Instructions. <i>Academic emergency medicine: official journal of the Society for Academic Emergency Medicine</i> . 2017;24(1):75-82.	I
Wade DT, Crawford S, Wenden FJ, King NS, Moss NE. Does routine follow up after head injury help? A randomised controlled trial. <i>Journal of neurology, neurosurgery, and psychiatry</i> . 1997;62(5):478-84.	P
Wade DT, King NS, Wenden FJ, Crawford S, Caldwell FE. Routine follow up after head injury: a second randomised controlled trial. <i>Journal of neurology, neurosurgery, and psychiatry</i> . 1998;65(2):177-83.	P
Warden DL, Salazar AM, Martin EM, Schwab KA, Coyle M, Walter J. A home program of rehabilitation for moderately severe traumatic brain injury patients. The DVHIP Study Group. <i>The Journal of head trauma rehabilitation</i> . 2000;15(5):1092-102.	S
Zivi I, et al. Early rehabilitation reduces time to decannulation in patients with severe acquired brain injury: A retrospective study. <i>Frontiers in neurology</i> 2018;9: 559-559.	I
Pico 4	
Adams HR. Systematic care for persons with brain injury. A place for case management. <i>Journal of insurance medicine (New York, NY)</i> . 1991;23(4):223-6.	S
Baptiste B, Dawson DR, Streiner D. Predicting use of case management support services for adolescents and adults living in community following	S

Reference	Reason for exclusion
brain injury: A longitudinal Canadian database study with implications for life care planning. <i>NeuroRehabilitation</i> . 2015;36(3):301-12.	
Clark-Wilson J, Giles GM, Seymour S, Tasker R, Baxter DM, Holloway M. Factors influencing community case management and care hours for clients with traumatic brain injury living in the UK. <i>Brain injury</i> . 2016;30(7):872-82.	S
Cusick CP, Gerhart KA, Mellick D, Breese P, Towle V, Whiteneck GG. Evaluation of the home and community-based services brain injury Medicaid Waiver Programme in Colorado. <i>Brain injury</i> . 2003;17(11):931-45.	S
Fitzsimmons RD. Brain injury case management: The potential and limitations of late-stage intervention - A pilot study. <i>Brain injury</i> . 2003;17(11):947-71.	S
Heinemann AW, Corrigan JD, Moore D. Case Management for Traumatic Brain Injury Survivors With Alcohol Problems. <i>Rehabilitation psychology</i> . 2004 2004-1-1;49(2):156-66.	Critical risk of bias
Lannin NA, Laver K, Henry K, Turnbull M, Elder M, Campisi J, et al. Effects of case management after brain injury: a systematic review. <i>NeuroRehabilitation</i> . 2014 2014-1-1;35(4):635-41.	S
Little JR, Pavliscsak HH, Cooper MR, Goldstein LA, Fonda SJ. Does Mobile Care ('mCare') Improve Quality of Life and Treatment Satisfaction Among Service Members Rehabilitating in the Community? Results from a 36-Wk, Randomized Controlled Trial. <i>Mil Med</i> . 2018 2018-1-1;183(3):e148-e56.	I
Oppen R. Case management in rehabilitation: a logical transition for social work? <i>Continuum (Society for Social Work Administrators in Health Care)</i> . 1996 Nov-Dec;16(6):1, 3-5.	S
Patterson PK, Maynard H, Chesnut RM, Carney N, Mann NC, Helfand M. Evidence of case management effect on traumatic-brain-injured adults in rehabilitation. <i>Care management journals : Journal of case management ; The journal of long term home health care</i> . 1999 Spring;1(2):87-97.	S
Riddick-Grisham S. Life Care Planning and Case Management in Brain Injury. <i>NeuroRehabilitation</i> . 2015;36(3):233-4.	S
Rosario ER, Espinoza L, Kaplan S, Khonsari S, Thurndyke E, Bustos M, et al. Patient navigation for traumatic brain injury promotes community re-integration and reduces re-hospitalizations. <i>Brain injury</i> . 2017;31(10):1340-7.	Critical risk of bias
Scholten J, Danford E, Leland A, Malecki H, Bidelspach D, Taylor B, et al. Templated interdisciplinary rehabilitation care plan documentation for veterans with traumatic brain injury. <i>Professional case management</i> . 2016;21(6):266-76.	S
Significant Achievement Awards: Creating a continuum of care for a previously unserved population--McHenry County (Ill.) Traumatic Brain Injury Case Management Program. <i>Psychiatric services (Washington, DC)</i> . 1998;49(10):1344-5.	S
Simpson G, Mitsch V, Doyle M, Forman M, Young D, Solomon V, et al. Investigating the Model of Community-Based Case Management in the New South Wales Brain Injury Rehabilitation Program: A Prospective Multicenter Study. <i>The Journal of head trauma rehabilitation</i> . 2018 Jan 30.	S

Reference	Reason for exclusion
Struchen MA, Davis LC, Bogaards JA, Hudler-Hull T, Clark AN, Mazzei DM, et al. Making connections after brain injury: Development and evaluation of a social peer-mentoring program for persons with traumatic brain injury. <i>The Journal of head trauma rehabilitation</i> . 2011;26(1):4-19.	I
Trexler LE, Trexler LC, Malec JF, Klyce D, Parrott D. Prospective randomized controlled trial of resource facilitation on community participation and vocational outcome following brain injury. <i>The Journal of head trauma rehabilitation</i> . 2010 Nov-Dec;25(6):440-6.	P
Zatzick D, Jurkovich G, Rivara FP, Russo J, Wagner A, Wang J, et al. A randomized stepped care intervention trial targeting posttraumatic stress disorder for surgically hospitalized injury survivors. <i>Annals of Surgery</i> . 2013;257(3):390-9.	I
Pico 5	
Eicher V, Murphy MP, Murphy TF, Malec JF. Progress assessed with the Mayo-Portland Adaptability Inventory in 604 participants in 4 types of post-inpatient rehabilitation brain injury programs. <i>Archives of physical medicine and rehabilitation</i> . 2012;93(1):100-7.	Critical risk of bias
Malec JF, Kean J. Post-Inpatient Brain Injury Rehabilitation Outcomes: Report from the National OutcomeInfo Database. <i>Journal of neurotrauma</i> . 2016;33(14):1371-9.	S
McLaughlin AM, Peters S. Evaluation of an innovative cost-effective programme for brain injury patients: response to a need for flexible treatment planning. <i>Brain injury</i> . 1993 1;7(1):71-5.	P
Sloan S, Callaway L, Winkler D, McKinley K, Ziino C. Accommodation outcomes and transitions following community-based intervention for individuals with acquired brain injury. <i>Brain Impairment</i> , 2012;13(1):24-43.	
Winkler D, Callaway L, Sloan S, Holgate N. Everyday choice making: Outcomes of young people with acquired brain injury after moving from residential aged care to community-based supported accommodation. <i>Brain Impairment</i> . 2015 2015-1-1;16(3):221-35.	P
Winkler D, Farnworth L, Sloan S, Brown T, Callaway L. Comparison of people with ABI living in two accommodation settings: Shared supported accommodation and residential aged care. <i>Brain Impairment</i> 2010;11(3):313-25.	S
Pico 6	
Donker-Cools BH, Daams JG, Wind H, Frings-Dresen MH. Effective return-to-work interventions after acquired brain injury: A systematic review. <i>Brain injury</i> . 2016 2016-1-1;30(2):113-31.	S
Einsiedel T, Sorg T, Hartwig E, Jacobi E, Elbel M, Kramer M, et al. Return to work after traumatic injury: is the time point of rehabilitation decisive? A prospective, randomized multi-center trial. <i>Phys med rehab kuror</i> . 2008 2008-1-1;18:189-97.	P
Fadyl JK, McPherson KM. Approaches to vocational rehabilitation after traumatic brain injury: a review of the evidence. <i>The Journal of head trauma rehabilitation</i> . 2009 2009-1-1;24(3):195-212.	S

Reference	Reason for exclusion
Haffey WJ, Abrams DL. Employment outcomes for participants in a brain injury work reentry program: Preliminary findings. <i>The Journal of head trauma rehabilitation</i> . 1991 1991-1-1;6(3):24-34.	Critical risk of bias
Niemeier JP, DeGrace SM, Farrar LF, Ketchum JS, Berman AJ, Young JA. Effectiveness of a comprehensive, manualized intervention for improving productivity and employability following brain injury. <i>Journal of Vocational Rehabilitation</i> . 2010 2010-1-1;33(3):167-79.	P
Owensworth T, Desbois J, Grant E, Fleming J, Strong J. The associations among self-awareness, emotional well-being, and employment outcome following acquired brain injury: A 12-month longitudinal study. <i>Rehabilitation psychology</i> . 2006 2006-1-1;51(1):50-9.	S
Parente R, Stapleton M. Development of a cognitive strategies group for vocational training after traumatic brain injury. <i>NeuroRehabilitation</i> . 1999 1999-1-1;13(1):13-20.	
Powell JM, Rich TJ, Wise EK. Effectiveness of Occupation- and Activity-Based Interventions to Improve Everyday Activities and Social Participation for People With Traumatic Brain Injury: A Systematic Review. <i>The American journal of occupational therapy : official publication of the American Occupational Therapy Association</i> . 2016 2016-1-1;70(3):7003180040p1-9.	S
Tyerman A. Vocational rehabilitation after traumatic brain injury: models and services. <i>NeuroRehabilitation</i> . 2012 2012-1-1;31(1):51-62.	S

Reason for exclusion:

P = Population

I = Intervention

C = Incorrect comparison

O = Incorrect outcome

S = Incorrect study design

PT = Incorrect publication type

Studies in Qualitative methodology

Reference	Reason for exclusion
Aitken L, Chaboyer W, Jeffrey C, Martin B, Whitty J, Schuetz M, et al. Indicators of injury recovery identified by patients, family members and clinicians. <i>Injury [serial on the Internet]</i> . 2016; 47(12).	Incorrect field
Braaf, S., et al. (2019). "Care coordination experiences of people with traumatic brain injury and their family members in the 4-years after injury: a qualitative analysis." <i>Brain Inj</i> : 1-10.	
Dams-O'Connor K, Landau A, De Lore JS, Hoffman J. Access, barriers, and health care quality after brain injury: Insiders' perspectives. <i>Archives of physical medicine and rehabilitation</i> . [Conference Abstract]. 2016;97(10):e129.	PT

Reference	Reason for exclusion
Dams-O'Connor K, Landau A, Hoffman J, St De Lore J. Patient perspectives on quality and access to healthcare after brain injury. <i>Brain injury</i> . 2018;32(4):431-41.	Methodological shortcomings
Darragh AR, Sample PL, Krieger SR. "Tears in my eyes 'cause somebody finally understood": client perceptions of practitioners following brain injury. <i>The American journal of occupational therapy: official publication of the American Occupational Therapy Association</i> . 2001 Mar-Apr;55(2):191-9.	Methodological shortcomings
Doig E, Fleming J, Cornwell PL, Kuipers P. Qualitative exploration of a client-centered, goal-directed approach to community-based occupational therapy for adults with traumatic brain injury. <i>American Journal of Occupational Therapy</i> . 2009;63(5):559-68.	S
Fortney S, et al. Access to health services for moderate to severe TBI in Indiana: patient and caregiver perspectives. <i>Brain Injury</i> 2018;32(12):1510-7	
Gill IJ, Wall G, Simpson J. Clients' perspectives of rehabilitation in one acquired brain injury residential rehabilitation unit: a thematic analysis. <i>Brain injury</i> . 2012;26(7-8):909-20.	Methodological shortcomings
Gravell R, Brumfit S, Body R. Hope and engagement following acquired brain injury: A qualitative study. <i>Brain injury</i> . [Conference Abstract]. 2017;31(6-7):721-2.	PT
Haag HL, Caringal M, Sokoloff S, Kontos P, Yoshida K, Colantonio A. Being a Woman With Acquired Brain Injury: Challenges and Implications for Practice. <i>Archives of physical medicine and rehabilitation</i> . 2016 Feb;97(2 Suppl):S64-70.	Incorrect field
Harrison AL, Hunter EG, Thomas H, Bordy P, Stokes E, Kitzman P. Living with traumatic brain injury in a rural setting: supports and barriers across the continuum of care. <i>Disability and rehabilitation</i> . 2017 Oct;39(20):2071-80.	methodological shortcomings
Hoogerdiik B, Runge U, Haugboelle J. The adaptation process after traumatic brain injury an individual and ongoing occupational struggle to gain a new identity. <i>Scandinavian journal of occupational therapy</i> . 2011 Jun;18(2):122-32.	O
Hooson JM, Coetzer R, Stew G, Moore A. Patients' experience of return to work rehabilitation following traumatic brain injury: A phenomenological study. <i>Neuropsychological rehabilitation</i> . 2013;23(1):19-44.	Methodological shortcomings
Jumisko E, Lexell J, Soderberg S. The experiences of treatment from other people as narrated by people with moderate or severe traumatic brain injury and their close relatives. <i>Disability and rehabilitation</i> . 2007 Oct 15;29(19):1535-43.	O
Knox L, Douglas J, Bigby C. "There's a lot of things that I just know I can't influence": The experiences of adults with severe TBI and their partners in making decisions about life after injury. <i>Brain Impairment</i> . [Conference Abstract]. 2013;14(1):169-70.	Incorrect field

Reference	Reason for exclusion
Knox L, Douglas JM, Bigby C. "I've never been a yes person": Decision-making participation and self-conceptualization after severe traumatic brain injury. <i>Disability and rehabilitation</i> . 2017 Nov;39(22):2250-60.	O
Kuipers K, Cox R, Doherty D, Grudzinskas K. The process of developing a non-medical (advanced allied health) botulinum toxin A prescribing and injecting model of care in a public rehabilitation setting. <i>Australian Health Review</i> . 2013;37(5):624-31.	P
Lannin N, Roberts K, D'Cruz K, Morarty J, Unsworth C. Who holds the 'Power' during goal-setting? A qualitative study exploring patient perceptions. <i>International Journal of Stroke</i> . [Conference Abstract]. 2015; 10:68.	PT
Larsson Lund M, Lovgren-Engstrom AL, Lexell J. Using everyday technology to compensate for difficulties in task performance in daily life: experiences in persons with acquired brain injury and their significant others. <i>Disability and rehabilitation Assistive technology</i> . 2011;6(5):402-11.	O
Lefebvre H, Levert MJ. Breaking the news of traumatic brain injury and incapacities. <i>Brain injury</i> . 2006 Jun;20(7):711-8.	Methodological shortcomings
Lefebvre H, Pelchat D, Swaine B, Gelinias I, Levert MJ. The experiences of individuals with a traumatic brain injury, families, physicians and health professionals regarding care provided throughout the continuum. <i>Brain injury</i> . 2005 Aug 10;19(8):585-97.	Methodological shortcomings
Leith KH, Phillips L, Sample PL. Exploring the service needs and experiences of persons with TBI and their families: the South Carolina experience. <i>Brain injury</i> . 2004 Dec;18(12):1191-208.	Methodological shortcomings
Lindstad MØ, Andelic N, Sveen U. Living with cognitive challenges after traumatic brain injury. Experiences of developing coping strategies-A qualitative study. <i>Brain injury</i> . [Conference Abstract]. 2016;30(5-6):584.	PT
Lundqvist A, Samuelsson K. Return to work after acquired brain injury: a patient perspective. <i>Brain injury</i> . 2012;26(13-14):1574-85.	P
Morris PG, Prior L, Deb S, Lewis G, Mayle W, Burrow CE, et al. Patients' views on outcome following head injury: a qualitative study. <i>BMC family practice</i> . 2005 Jul 27; 6:30.	O
Nalder E, Fleming J, Cornwell P, Shields C, Foster M. Reflections on life: experiences of individuals with brain injury during the transition from hospital to home. <i>Brain injury</i> . 2013;27(11):1294-303.	O
O'Callaghan A, McNamara B, Cocks E. 'What am I supposed to do? Cartwheels down the passageway?' Perspectives on the rehabilitation journey from people with ABI. <i>Brain injury</i> . [Conference Abstract]. 2014;28(5-6):577-8.	PT
O'Callaghan AM, McAllister L, Wilson L. Experiences of care reported by adults with traumatic brain injury. <i>International journal of speech-language pathology</i> . 2010 Apr;12(2):107-23.	S

Reference	Reason for exclusion
Patterson F, Fleming J, Doig E. Clinician perceptions about inpatient occupational therapy groups in traumatic brain injury rehabilitation. <i>Brain injury</i> . 2017;31(8):1077-87.	P
Sample PL, Darragh AR. Perceptions of care access: the experience of rural and urban women following brain injury. <i>Brain injury</i> . 1998 Oct;12(10):855-74.	Incorrect time period
Soeker MS, Van Rensburg V, Travill A. Are rehabilitation programmes enabling clients to return to work? Return to work perspectives of individuals with mild to moderate brain injury in South Africa. <i>Work (Reading, Mass)</i> . 2012;43(2):171-82.	Methodological shortcomings
Stergiou-Kita M, Mansfield E, Sokoloff S, Colantonio A. Gender Influences on Return to Work After Mild Traumatic Brain Injury. <i>Archives of physical medicine and rehabilitation</i> . 2016 Feb;97(2 Suppl):S40-5.	Methodological shortcomings
Talbot LR, Levesque A, Trottier J. Process of implementing collaborative care and its impacts on the provision of care and rehabilitation services to patients with a moderate or severe traumatic brain injury. <i>Journal of multidisciplinary healthcare</i> . 2014;7:313-20.	Methodological shortcomings
van Velzen JM, van Bennekom CAM, van Dormolen M, Sluiter JK, Frings-Dresen MHW. Factors influencing return to work experienced by people with acquired brain injury: A qualitative research study. <i>Disability and Rehabilitation: An International, Multidisciplinary Journal</i> . 2011;33(23-24):2237-46.	P
White, B. P., et al. (2018). "Quality of Life, Stress Perception, and Quality of Social Networks in Persons Living with Brain Injury: An Exploration of the Effectiveness of a Community-Based Program." <i>Open Journal of Occupational Therapy (OJOT)</i> 6(4): 1-14.	
Ylvisaker M, McPherson K, Kayes N, Pellett E. Metaphoric identity mapping: facilitating goal setting and engagement in rehabilitation after traumatic brain injury. <i>Neuropsychological rehabilitation</i> . 2008 Oct-Dec;18(5-6):713-41.	Not enough methodologic quality

Health economic studies

Reference	Reason for exclusion
[Brain injury rehabilitation – a Health Technology Assessment] (Structured abstract). <i>Health Technology Assessment Database</i> . 2011(4).	Low study quality and transferability
Alali AS, Burton K, Fowler RA, Naimark DMJ, Scales DC, Mainprize TG, et al. Economic evaluations in the diagnosis and management of traumatic brain injury: A systematic review and analysis of quality. <i>Value in Health</i> 2015; 18:721-734.	PT
Andelic N, Ye J, Tornas S, Roe C, Lu J, Bautz-Holter E, et al. Cost-effectiveness analysis of an early-initiated, continuous chain of	Low study quality

Reference	Reason for exclusion
rehabilitation after severe traumatic brain injury. <i>Journal of neurotrauma</i> . 2014;31(14):1313-20.	(handling of data and uncertainty)*
Baptiste B, Dawson DR, Streiner D. Predicting use of case management support services for adolescents and adults living in community following brain injury: A longitudinal Canadian database study with implications for life care planning. <i>NeuroRehabilitation</i> 2015; 36:301-12.	O
Borg J, Holm L, Peloso PM, Cassidy JD, Carroll LJ, von Holst H, et al. Non-surgical intervention and cost for mild traumatic brain injury: results of the WHO Collaborating Centre Task Force on Mild Traumatic Brain Injury. <i>Journal of Rehabilitation Medicine Supplement</i> . 2004(43):76-83.	I
Brasure M, Lamberty G, Sayer N, Nelson N, MacDonald R, Ouellette J, et al. Multidisciplinary postacute rehabilitation for moderate to severe traumatic brain injury in adults (Structured abstract). <i>Health Technology Assessment Database</i> . 2012(4).	I
Catalano D, Pereira AP, Wu MY, Ho H, Chan F. Service patterns related to successful employment outcomes of persons with traumatic brain injury in vocational rehabilitation. <i>NeuroRehabilitation</i> . 2006;21(4):279-93.	I
Cimera RE. Supported Employment's Cost-Efficiency to Taxpayers: 2002 to 2007. <i>RES PRACT PERSONS SEVERE DISABIL</i> . 2009;34(2):13-20.	O
Cooney MT, Carroll A. Cost effectiveness of inpatient rehabilitation in patients with brain injury. <i>Clinical medicine (London, England)</i> . 2016 Apr;16(2):109-13.	P
Evans L, Brewis C. The efficacy of community-based rehabilitation programmes for adults with TBI...including commentary by Thomas Y. <i>International Journal of Therapy & Rehabilitation</i> . 2008;15(10):446-58.	O
Feeney TJ, Ylvisaker M, Rosen BH, Greene P. Community supports for individuals with challenging behavior after brain injury: an analysis of the New York state behavioral resource project. <i>Journal of Head Trauma Rehabilitation</i> . 2001;16(1):61-75.	C
Forslund MV, Roe C, Arango-Lasprilla JC, Sigurdardottir S, Andelic N. Impact of personal and environmental factors on employment outcome two years after moderate-to-severe traumatic brain injury. <i>Journal of rehabilitation medicine</i> . 2013;45(8):801-7.	O
Gamble D, Moore CL. Supported employment: Disparities in vocational rehabilitation outcomes, expenditures and service time for persons with traumatic brain injury. <i>Journal of Vocational Rehabilitation</i> . 2003;19(1):47-57.	O
Gamble D, Satcher J. Rehabilitation outcomes, expenditures, and the provision of assistive technology for persons with traumatic brain injury. <i>J APPL REHABIL COUNS</i> . 2002;33(3):41-4.	I
Griesbach GS, Kreber LA, Harrington D, Ashley MJ. Post-acute traumatic brain injury rehabilitation: Effects on outcome measures and life care costs. <i>Journal of neurotrauma</i> . 2015;32(10):704-11.	O

Reference	Reason for exclusion
Grieve R, Sadique Z, Gomes M, Smith M, Lecky FE, Hutchinson PJ, et al. An evaluation of the clinical and cost-effectiveness of alternative care locations for critically ill adult patients with acute traumatic brain injury. <i>Br J Neurosurg</i> 2016;30:388-96.	I
Gucciardo F. A System-Based Approach to Home Modifications for the Catastrophically Injured. <i>Journal of Nurse Life Care Planning</i> . 2013;13(4):138-46.	I
Harrison DA, Prabhu G, Grieve R, Harvey SE, Sadique MZ, Gomes M, et al. Risk Adjustment In Neurocritical care (RAIN)--prospective validation of risk prediction models for adult patients with acute traumatic brain injury to use to evaluate the optimum location and comparative costs of neurocritical care: a cohort study. <i>Health Technology Assessment</i> . 2013;17(32):vii-350.	I
Heaney D. Rehabilitation for traumatic brain injury: Comment. <i>JAMA: Journal of the American Medical Association</i> 2000;284:1783-4.	PT
Heinemann AW, Moore D, Corrigan JD. Case management for traumatic brain injury survivors with alcohol problems. <i>Rehabilitation psychology</i> . 2004;49(2):156-66.	O
Humphreys I, Wood RL, Phillips CJ, Macey S. The costs of traumatic brain injury: a literature review. <i>Clinicoecon Outcomes Res</i> 2013;5:281-7.	PT
Khan S, Khan A, Feyz M. Decreased length of stay, cost savings and descriptive findings of enhanced patient care resulting from an integrated traumatic brain injury programme. <i>Brain injury</i> . 2002;16(6):537-54.	I
Knox L, Douglas JM. A scoping review of the nature and outcomes of extended rehabilitation programmes after very severe brain injury. <i>Brain injury</i> . 2018:1-11.	PT
Maas AIR, Menon DK, Adelson PD, Andelic N, Bell MJ, Belli A, et al. Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>The Lancet Neurology</i> 2017;16:987-1048.	PT
Mammi P, Zaccaria B, Franceschini M. Early rehabilitative treatment in patients with traumatic brain injuries: outcome at one-year follow-up. <i>Eura Medicophys</i> . 2006;42(1):17-22.	O
McKerral M, Guérin F, Kennepohl S, Dominique A, Honoré W, Léveillée G, et al. Comments on the task force report on mild traumatic brain injury: <i>Journal of Rehabilitation Medicine supplement</i> 43...Borg J, Holm L, Peloso PM et al. Non-surgical intervention and cost for mild traumatic brain injury: results of the WHO Collaborating Centre Task Force on Mild Traumatic Brain Injury. <i>J Rehabil Med</i> 2004; 36(suppl 43):76-83. <i>Journal of Rehabilitation Medicine (Taylor & Francis Ltd)</i> . 2005;37(1):61-2.	PT
Mild head injury (Structured abstract). <i>Health Technology Assessment Database</i> . 2000(4).	I
Mortimer D, Trevena-Peters J, McKay A, Ponsford J. Economic Evaluation of Activities of Daily Living Retraining During Posttraumatic Amnesia for Inpatient Rehabilitation Following Severe Traumatic Brain Injury. <i>Archives of physical medicine and rehabilitation</i> . 2019;100(4):648-55.	I

Reference	Reason for exclusion
Murphy L, Chamberlain E, Weir J, Berry A, Nathaniel-James D, Agnew R. Effectiveness of vocational rehabilitation following acquired brain injury: preliminary evaluation of a UK specialist rehabilitation programme. <i>Brain Inj</i> 2006;20:1119-29.	O
Nair A, Turner-Stokes L, Tyerman A. Vocational rehabilitation for acquired brain injury in adults. <i>Cochrane Database of Systematic Reviews</i> . 2008(3).	PT
Oddy M, da Silva Ramos S. Cost effective ways of facilitating home based rehabilitation and support. <i>NeuroRehabilitation</i> . 2013;32(4):781-90.	O
Oddy M, da Silva Ramos S. The clinical and cost-benefits of investing in neurobehavioural rehabilitation: A multi-centre study. <i>Brain injury</i> . 2013;27(13):1500-7.	I
O'Neill JH, Zuger RR, Fields A, Fraser R, Pruce T. The Program Without Walls: innovative approach to state agency vocational rehabilitation of persons with traumatic brain injury. <i>Archives of Physical Medicine & Rehabilitation</i> . 2004;85(4):S68-72.	Low study quality and transferability
Palsbo SE, Diao G. The business case for adult disability care coordination. <i>Archives of Physical Medicine & Rehabilitation</i> . 2010;91(2):178-83.	P
Phillips J. Thesis abstracts...Return to work after Traumatic Brain Injury: a cohort comparison feasibility economic analysis. <i>British Journal of Occupational Therapy</i> . 2014;77(4):204-.	PT
Ponsford J, Harrington H, Olver J, Roper M. Evaluation of a community-based model of rehabilitation following traumatic brain injury. <i>Neuropsychological Rehabilitation</i> 2006;16:315-328.	O
Prada SI, Salkever D, MacKenzie EJ. Level-I trauma center effects on return-to-work outcomes. <i>Evaluation Review</i> . 2012;36(2):133-64.	I
Radford et al, 2018. Early, specialist vocational rehabilitation to facilitate return to work after traumatic brain injury: the FRESH feasibility RCT	Low study quality (high loss to follow-up)*
Reid-Arndt SA, Schopp L, Brenneke L, Johnstone B, Poole AD. Evaluation of the traumatic brain injury early referral programme in Missouri. <i>Brain Injury</i> 2007;21:1295-302.	I
Salazar AM. 'Rehabilitation for traumatic brain injury': Reply. <i>JAMA: Journal of the American Medical Association</i> . 2000;284(14):1784-.	O
Singh R, Sinha S, Bill A, Turner-Stokes L. Unmet need for specialised rehabilitation following neurosurgery: can we maximise the potential cost-benefits? <i>British Journal of Neurosurgery</i> 2017;31:249-53.	P
Sloan S, Callaway L, Winkler D, McKinley K, Ziino C, Anson K. Changes in care and support needs following community-based intervention for individuals with acquired brain injury. <i>Brain Impairment</i> . 2009;10(3):295-306.	O
Turner-Stokes L, Bavikatte G, Williams H, Bill A, Sephton K. Cost-efficiency of specialist hyperacute in-patient rehabilitation services for medically unstable patients with complex rehabilitation needs: a prospective cohort analysis. <i>BMJ Open</i> 2016;6:e012112.	P

Reference	Reason for exclusion
Turner-Stokes L, Dzingina M, Shavelle R, Bill A, Williams H, Sephton K. Estimated Life-Time Savings in the Cost of Ongoing Care Following Specialist Rehabilitation for Severe Traumatic Brain Injury in the United Kingdom. <i>The Journal of head trauma rehabilitation</i> . 2019.	O
Turner-Stokes L, Paul S, Williams H, Turner-Stokes L, Paul S, Williams H. Efficiency of specialist rehabilitation in reducing dependency and costs of continuing care for adults with complex acquired brain injuries. <i>Journal of Neurology, Neurosurgery & Psychiatry</i> 2006;77:634-9.	P
Turner-Stokes L. Cost-efficiency of longer-stay rehabilitation programmes: can they provide value for money? <i>Brain Injury</i> 2007;21:1015-21.	I
Turner-Stokes L. Evidence for the effectiveness of multi-disciplinary rehabilitation following acquired brain injury: a synthesis of two systematic approaches. <i>J REHABIL MED</i> (16501977). 2008;40(9):691-701.	PT
Turner-Stokes L. The evidence for the cost-effectiveness of rehabilitation following acquired brain injury. <i>Clin Med (Lond)</i> 2004;4:10-2.	PT
Vitaz TW, McIlvoy L, Raque GH, Spain D, Shields CB. Development and implementation of a clinical pathway for severe traumatic brain injury. <i>Journal of Trauma</i> . 2001;51(2):369-75.	I
Wehman P, Kregel J, Keyser-Marcus L, Sherron-Targett P, Campbell L, West M, et al. Supported employment for persons with traumatic brain injury: a preliminary investigation of long-term follow-up costs and program efficiency. <i>Archives of Physical Medicine & Rehabilitation</i> . 2003;84(2):192-6.	Low study quality and transferability
Worthington AD, Matthews S, Melia Y, Oddy M. Cost-benefits associated with social outcome from neurobehavioural rehabilitation. <i>Brain Injury</i> 2006;20:947-57.	Low study quality
Wu J, Faux SG, Poulos CJ, Harris I. Brain injury rehabilitation after road trauma in new South Wales, Australia - insights from a data linkage study. <i>BMC Health Serv Res</i> 2018;18:204.	O
Ylvisaker M, Feeney T, Capo M. Long-term community supports for individuals with co-occurring disabilities after traumatic brain injury: Cost effectiveness and project-based intervention. <i>Brain Impairment</i> . 2007;8(3):276-92.	P
Zasler ND, Ashley MJ. Post-Acute Rehabilitation: Edifying Efficacy Evidence. <i>Brain Injury Professional</i> . 2018;15(1):8-11.	PT

* Underlying clinical results were included in Chapter 4