Rehabilitation eTOC Bulletin for February 2021

**Brain injury**

**Disability and rehabilitation**

**Clinical rehabilitation**

**Journal of rehabilitation medicine**

**American journal of physical medicine & rehabilitation**

**International Journal of Rehabilitation Research**

**Journal of Rehabilitation**

**Neurorehabilitation and neural repair**

**Archives of Physical Medicine and Rehabilitation**

Each journal has different full text access, see [key to asterisks](#).

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**Brain injury*** (Published monthly)

Current issue: Volume 34 (13-14) Table of Contents [here](#);

Articles published online first:

- [Assessment and rehabilitation interventions for central facial palsy in patients with acquired brain injury: a systematic review](#)
- [Differences in Sport-Related Concussion History, Reporting Behavior, and Return to Learn and Sport Timelines in Public versus Private High School Student Athletes](#)
- [The prediction value of Glasgow coma scale-pupils score in neurocritical patients: a retrospective study](#)
- [Changes in oral health related quality of life and its associated factors in individuals with brain injury](#)
- [Mixed messages from the ‘Mild Traumatic Brain Injury’ and ‘Sport-related Concussion’ literatures: Clinical implications](#)

Register for a NHS England OpenAthens Account [here](#)
Functional outcomes of patients with stroke treated with thrombectomy by aspiration

The effectiveness of median nerve electrical stimulation in patients with disorders of consciousness: a systematic review

Delayed intracranial hemorrhage after trauma

Neural reactivity parameters of awareness predetermine one-year survival in patients with disorders of consciousness

Developing and validating an accelerometer-based algorithm with machine learning to classify physical activity after acquired brain injury

Diffusion tensor imaging findings and neuropsychological performance in adults with TBI across the spectrum of severity in the chronic-phase

Therapist competence and clinical outcome in the rehabilitation of memory following traumatic brain injury trial

Body representation in people with apraxia post Stroke— an observational study

Clinical course of SARS-CoV-2 infection in patients with severe acquired brain injury and a disorder of consciousness: an observational study

A clinical characteristic analysis of five cases of rare bilateral cerebral peduncular infarction (BCPI) with the ‘Mickey Mouse ears’ sign

Psychosocial functioning at 4-years after pediatric mild traumatic brain injury

An economic evaluation for the use of decompressive craniectomy in the treatment of refractory traumatic intracranial hypertension

How sandbag-able are concussion sideline assessments? A close look at eye movements to uncover strategies

Pre- and in-hospital mortality for moderate-to-severe traumatic brain injuries: an analysis of the National Trauma Data Bank (2008-2014)

Spreading depolarization occurs in repeating, recognizable, patient-specific patterns after human brain injury

LIM kinase inhibitor T56-LIMKi protects mouse brain from photothrombotic stroke

Cognitive differences between adults with traumatic brain injury and specific learning disorder

Differences in cervical kinesthesia between amateur athletes with and without a history of contact sport participation

Incidence (2008-2015) of post-traumatic headaches in United States military personnel
Disability and rehabilitation *** (Published fortnightly)

Current issue: Volume 43 (3), Table of Contents [here](#):

Articles published online first:

- Effects of home-based dual-hemispheric transcranial direct current stimulation combined with exercise on upper and lower limb motor performance in patients with chronic stroke
- Evaluating validity of the Kids-Balance Evaluation Systems Test (Kids-BESTest) Clinical Test of Sensory Integration of Balance (CTSIB) criteria to categorise stance postural control of ambulant children with CP
- Usability of affordable feedback-based technologies to improve mobility and physical activity in rehabilitation: a mixed methods study
- Is active commuting associated with sedentary behaviour and physical activity in women with fibromyalgia? The al-Ándalus project
- Designing a screening battery for exercisers with Parkinson’s disease
- The paradoxical relationship between severity of cerebral palsy and renal function in middle-aged adults: better renal function or inappropriate clinical assessment?
- Boxing with Parkinson’s Disease: findings from a qualitative study using self-determination theory
- Recovering is about living my life, as it evolves: perspectives of stroke survivors in remote northwest Queensland
- Validity and reliability of the Turkish version of the pediatric motor activity log-revised (PMAL-R) for 2–17 year old children with hemiparetic cerebral palsy
- Self-perceived cognitive status and cognitive challenges associated with cardiac rehabilitation management: experiences of elderly myocardial infarction patients
- The impact of neurological disability and sensory loss on mindfulness practice
- Experiences of stakeholder collaboration when promoting participation in physical activity among adolescents with autism spectrum disorder
- Participation and engagement in family activities among girls and young women with Rett syndrome living at home with their parents – a cross-sectional study
- Impaired health-related quality of life, psychological distress, and productivity loss in younger people with persistent shoulder pain: a cross-sectional analysis
- Potential contributing factors to upper limb associated reactions in people with acquired brain injury: an exploratory study
- Management strategies for neurogenic lower urinary tract dysfunction: a qualitative study of the experiences of people with multiple sclerosis and healthcare professionals

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Assessing unmet rehabilitation needs and the feasibility of a telehealth rehabilitation consultation service for road trauma survivors recently discharged from hospital

Detection of symptoms of late complications after stroke in young survivors with active surveillance versus usual care

Barriers to and solutions for improving physical activity in adults during hospital stay: a mixed-methods study among healthcare professionals

Understanding transitions in care for people with major lower limb amputations from inpatient rehabilitation to home: a descriptive qualitative study

Clinical relevance of massage therapy and abdominal hypopressive gymnastics on chronic nonspecific low back pain: a randomized controlled trial

Clinicians’ experiences of discontinuing routine hip precautions following total hip replacement surgery: a qualitative analysis

The utility of the International Classification of Functioning construct as a statistical tool – operationalizing mental health as an indicator of adolescent participation

Cross-cultural adaptation and measurement properties of the Arabic version of the Patient-Specific Functional Scale in patients with lower extremity musculoskeletal disorders

Associations of the modified STarT back tool and Hospital Anxiety and Depression Scale (HADS) with gait speed and knee pain in knee osteoarthritis: a retrospective cohort study

Validity and reliability of the Selective Control of the Upper Extremity Scale in children with upper motor neuron lesions

‘Physio’s not going to repair a torn tendon’: patient decision-making related to surgery for rotator cuff related shoulder pain

Exploring patient perspectives of barriers and facilitators to participating in hospital-based stroke rehabilitation

Implementation of a sexuality interview guide in stroke rehabilitation: a feasibility study

Perspectives of people living with a spinal cord injury on activity-based therapy

The impacts of health transformation plan on physiotherapy sector in Iran: a qualitative study using five control knobs

The experiences of Indian people living in New Zealand with stroke

Validation of the international classification of functioning, disability and health (ICF) core sets from 2001 to 2019 – a scoping review

How do healthcare professionals experience communication with people with aphasia and what content should communication partner training entail?

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Inclusion of stroke patients in expanded cardiac rehabilitation services: a cross-national qualitative study with cardiac and stroke rehabilitation professionals

A limited life – a mixed methods study on living with persistent pregnancy-related lumbopelvic pain more than 12 years postpartum in Sweden

**Clinical rehabilitation **** (Published monthly)**

Current issue: February 2021, Volume 53 (2) Table of Contents: [here](#)

Articles published online first:

Supporting wellbeing through peer-befriending (SUPERB) for people with aphasia: A feasibility randomised controlled trial

Effectiveness of transcutaneous electrical nerve stimulation as an adjunct to selected physical therapy exercise program on male patients with pudendal neuralgia: A randomized controlled trial

Rehabilitation training based on virtual reality for patients with Parkinson’s disease in improving balance, quality of life, activities of daily living, and depressive symptoms: A systematic review and meta-regression analysis

Description of content, structure and theoretical model of a group-based pain management programme in the treatment of patients with persistent non-specific low back pain and psychological risk factors in a secondary sector setting

Personal and social factors that influence physical activity levels in community-dwelling stroke survivors: A systematic review of qualitative literature

The effect of the Take Charge intervention on mood, motivation, activation and risk factor management: Analysis of secondary data from the Taking Charge after Stroke (TaCAS) trial

The effect of foot orthoses on balance, foot function, and mobility in rheumatoid arthritis: A randomized controlled clinical trial

Intradialytic exercise in end-stage renal disease: An umbrella review of systematic reviews and/or meta-analytical studies

Liuzijue qigong versus traditional breathing training for patients with post-stroke dysarthria complicated by abnormal respiratory control: Results of a single-center randomized controlled trial

Effects of electromyographic biofeedback interventions for shoulder pain and function: Systematic review and meta-analysis

Effects of music-based movement therapy on motor function, balance, gait, mental health, and quality of life for patients with Parkinson’s disease: A systematic review and meta-analysis

Rationale and description of BrainLevel: Computerized repeated practice with strategy use instruction for children with acquired brain injury

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Journal of rehabilitation medicine* (Published monthly)
Current issue: March 2021, Volume 53 (3) Table of contents [here](#)

American journal of physical medicine & rehabilitation*** (Published monthly)
Current issue: Volume 100 (2) Table of contents [here](#)

Articles published online first:

Velocity of the body center of mass during walking on split-belt treadmill

Correlation of electrodiagnostic findings in C8 radiculopathies with radiographic data

An Exploratory Study on Physical Function in Stem Cell Transplant Patients Undergoing Corticosteroid Treatment for Acute Graft-Versus-Host-Disease

Time Since Lower-Limb Amputation An Important Consideration in Mobility Outcomes

Executive Function Moderates Functional Outcomes of Engagement Strategies during Rehabilitation in Older Adults

Extracorporeal shockwave therapy with a modified technique on tendon and ligament for knee osteoarthritis

Evaluation of an Ultrasound-Assisted Longitudinal Axis Lateral Crest Approach to Radiofrequency Ablation of the Sacroiliac Joint

The Flexor Pollicis Longus Reflex – Inter- and Intra-Rater Reliability in Comparison to Established Muscle Stretch Reflexes

Exploring the underlying mechanisms of action of dry needling what is the immediate effect on muscle electrophysiology? An experimental randomized controlled trial

Lifetime prevalence of non-specific low back pain in adolescents a cross-sectional epidemiological survey

The Effect of Continuous Passive Motion in Patients Treated with Total Knee Arthroplasty for Osteoarthritis A Systematic Review and Meta-analysis of Randomized Controlled Trials

INSTRUCTIONAL CUEING ALTERS UPPER EXTREMITY MUSCLE ACTIVITY AND KINEMATICS DURING ELASTIC RESISTANCE EXERCISE

Safety of Every-Other-Day Fasting in the treatment of spinal cord injury A randomized controlled trial

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Screening for Deep Vein Thrombosis in Persons with COVID-19 upon Admission to an Inpatient Rehabilitation Hospital

Low thoracic skeletal muscle area is not associated with negative outcomes in patients with COVID-19

Short walking exercise leads to gait changes and muscle fatigue in children with cerebral palsy who walk with jump gait

Quantity and Quality of Physical Medicine and Rehabilitation Clerkships in US Medical Schools

Polypharmacy, Dosing Trends and Drug-Drug Interaction Patterns Following High-Level Limb Amputation Surgery

Effects of laser therapy on rheumatoid arthritis: A systematic review and meta-analysis

How we assess spatial neglect matters: prevalence of spatial neglect as measured by the Catherine Bergego scale and impact on rehabilitation outcomes.

International journal of rehabilitation research *** (Published quarterly)

Current issue: March 2021, Volume 44 (1) here

Articles published online first:

Can powered exoskeletons improve gait and balance in multiple sclerosis? A retrospective study

Clinical manifestation and perceived symptoms of walking-related performance fatigability in persons with multiple sclerosis

Journal of rehabilitation (as of 21st December 2020 this journal is no longer published)

Neurorehabilitation and neural repair **** (Published monthly)

Current issue: February 2021, Volume 35 (2) Table of Contents here

Articles published online first:

Routine Blood Chemistry Predicts Functional Recovery After Traumatic Spinal Cord Injury: A Post Hoc Analysis

Evidence for a Window of Enhanced Plasticity in the Human Motor Cortex Following Ischemic Stroke

Register for a NHS England OpenAthens Account here
Investigating Therapies for Freezing of Gait Targeting the Cognitive, Limbic, and Sensorimotor Domains

Brain-Computer Interfaces for Communication: Preferences of Individuals With Locked-in Syndrome

Revisiting Poststroke Upper Limb Stratification: Resilience in a Larger Cohort

Combination of Serum Neurofilament Light Chain Levels and MRI Markers to Predict Cognitive Function in Ischemic Stroke

Effects of Robotic Therapy Associated With Noninvasive Brain Stimulation on Upper-Limb Rehabilitation After Stroke: Systematic Review and Meta-analysis of Randomized Clinical Trials

Mild Stroke Affects Pointing Movements Made in Different Frames of Reference

Specific Brain Reorganization Underlying Superior Upper Limb Motor Function After Spinal Cord Injury: A Multimodal MRI Study

Does rTMS Targeting Contralesional S1 Enhance Upper Limb Somatosensory Function in Chronic Stroke? A Proof-of-Principle Study

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Archives of physical medicine and rehabilitation *** (Published monthly)

Current issue: February 2021, Volume 102 (2) Table of contents here

Articles published online first:

Very long-term outcomes in children admitted in a disorder of consciousness following severe traumatic brain injury

Determinants of Discharge Disposition from acute care for survivors of hypoxic ischemic brain injury: results from a large population-based cohort dataset

Risk factors of readmissions in geriatric rehabilitation patients: RESORT

Effect of resistance exercise on body structure & function, activity and participation in individuals with Parkinson’s Disease: A systematic review

Patients with higher treatment outcome expectations are more satisfied with the results of non-operative treatment for thumb base osteoarthritis: a cohort study

Reproducibility and Convergent Validity of the Sitting-Rising Test in People with Multiple Sclerosis

Dosage and effectiveness of aerobic training on cardiorespiratory fitness, functional capacity, balance, and fatigue in people with Multiple Sclerosis: a systematic review and meta-analysis.
EFFECTIVENESS OF DRY NEEDLING THERAPY ON PAIN, HIP MUSCLE STRENGTH AND PHYSICAL FUNCTION IN PATIENTS WITH HIP OSTEOARTHRITIS: A RANDOMIZED CONTROLLED TRIAL

The Value of Rehabilitation Interventions --Integrating Evidence, Clinical Expertise, Critical Assessment, and , Patient Needs: A Conference Report

Knowledge Translation Research to Promote Behavior Changes in Rehabilitation: Use of Theoretical Frameworks and Tailored Interventions: A Scoping Review

Clinical Benefits and System Design of FES-rowing Exercise for Rehabilitation of Individuals with Spinal Cord Injury: A Systematic Review

A comparative study of treatment interventions for patellar tendinopathy: a randomized controlled trial

Challenges in measuring applied cognition: Measurement properties and equivalence of the Functional Assessment in Acute Care MCAT (FAMCAT) applied cognition item bank

Reimagining Stroke Rehabilitation and Recovery Across the Care Continuum: Results from a Design-Thinking Workshop to Identify Challenges and Propose Solutions

Can Yoga or Physical Therapy for Chronic Low Back Pain Improve Depression and Anxiety Among Adults from a Racially Diverse, Low-Income Community? A Secondary Analysis of a Randomized Controlled Trial.

Reductions in Cardiac Structure and Function 24 Months After Spinal Cord Injury: A Cross-Sectional Study

Behavior Change Techniques in Physical Activity Interventions for Multiple Sclerosis

Making the Case for Patient-Reported Outcome Measures in Big-Data Rehabilitation Research: Implications for Optimizing Patient-Centered Care

Do Patients with Covid-19 Benefit from Rehabilitation? Functional outcomes of the first 100 patients in a Covid-19 rehabilitation unit

Psychometric Characteristics and Validity of the PROMIS® Cancer Function Brief 3D Profile

One-year efficacy of platelet-rich plasma for moderate-to-severe carpal tunnel syndrome: A prospective, randomized, double-blind, controlled trial

Energy expenditure and oxygen consumption during activities of daily living in people with multiple sclerosis and healthy subjects: an ecological approach to estimate real-life fatigue and fatigability

The current state of knowledge on digital rectal stimulation in traumatic and non-traumatic spinal cord injury: A scoping review

Comparison of Activity-Based Home Program and Cawthorne-Cooksey Exercises in Patients with Chronic Unilateral Peripheral Vestibular Disorders

Disability and the COVID-19 Pandemic: A Survey of Individuals with Traumatic Brain Injury

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PREDICTORS OF LOW PHYSICAL FUNCTION IN PATIENTS WITH COVID-19 WITH ACUTE RESPIRATORY FAILURE ADMITTED TO A SUB-ACUTE UNIT

Swallowing and voice outcomes in patients hospitalised with COVID-19: An observational cohort study

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