



Physiotherapy bulletin

May 2025

The aim of this current awareness bulletin is to provide a digest of recent articles on Physiotherapy

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Articles

Acupuncture

Bee venom acupuncture for musculoskeletal pain conditions: updated systematic review and meta-analysis

Sung S et al
BMC Complementary Medicine & Therapies 25 (1) 1-17

Efficacy of acupuncture on lower limb motor dysfunction following stroke: a systematic review and meta-analysis of randomized controlled trials

Chen P et al
PLoS One 20 (5) e0312918

Evaluation of laser acupuncture versus physical therapy intervention in management of bruxism in children: a randomized controlled trial

Rashed M et al
BMC Oral Health 25 (1) 341

Back, Neck and Shoulder Pain

Relaxation techniques in chronic nonspecific neck pain: a systematic review and meta-analysis

Basco-Lopez J et al
Health Psychology early online (2025) relaxation techniques

Comparison of the efficacy of home-programmed massage therapy and hot pack therapy for neck and shoulder pain

Turken A et al
Family Medicine & Primary Care Review 27 (1) 87-94

Cognitive functional therapy versus therapeutic exercises for the treatment of individuals with chronic shoulder pain: a protocol for a randomized controlled trial



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| Gava V et al PLoS One 20 (4) e0320025 |
| Is neck and shoulder posture, muscle activity and discomfort influenced by tablet inclination in young adults with and without neck pain? Bhuanantanondh P et al PloS One 20 (4) e0322207 |
| Cancer/Oncology Rehabilitation |
| What is the role of physical exercise after surgery for gastric cancer? A scoping review Monticone M et al ESMO Gastrointestinal Oncology 7 (2025) 100117 |
| Improving physiotherapy uptake in breast cancer patients at high risk of upper-limb mobility issues Wang B et al European Journal of Surgical Oncology 51 (2025) 109839 |
| Comparison of efficacy and safety of thrombus prevention strategies after abdominal and pelvic cancer surgery: Bayesian network based meta-analysis Shiran Qin et al Frontiers in Oncology 15 (2025) comparison |
| A call to action: implementing cardio-oncology rehabilitation programs for comprehensive patient care Diaz-Balboa E et al Physiotherapy 128 (2025) 101788 |
| Physiotherapy interventions and assessment tools for physical function in breast cancer patients: a systematic review and meta-analysis Suman Mehra et al Journal of Clinical and Diagnostic Research 19 (3) 31-37 |
| Falls Prevention/Frailty/Older People <i>There is a Falls and Frailty bulletin – if you would like to receive this let us know and we will add your name to the mailing list.</i> |
| Multiple Sclerosis / Parkinson's Disease |



Effects of upper limb exercise or training on hand dexterity and function in people with Parkinson Disease: a systematic review and meta-analysis

Proud E et al

Archives of Physical Medicine and Rehabilitation 105 (7) 1375-1387

Music therapy to improve functional outcomes in adults with Parkinson's disease: a systematic review with meta-analysis

Samuelkamaleshkumar S et al

International Journal of Therapy & Rehabilitation 32 (4) music therapy

Efficacy of task-oriented training on balance ability in people with multiple sclerosis: a systematic review and meta-analysis

Alashram A et al

Journal of Bodywork & Movement Therapies 44 (Oct) 16-24

Evaluating the impact of adding Lee Silverman Voice Treatment BIG into routine physiotherapy on both motor and nonmotor functions in individuals with Parkinson's Disease

Zahra S et al

Dubai Medical Journal 8 (1) 12-22

Motor learning-based clinical pilates training for the Parkinson's Disease rehabilitation @Parkinsonpilates: a parallel group, randomised controlled trial with 3-month follow-up

Coban F et al

Complementary Therapies in Medicine 90 (June) 103161

Miscellaneous

From Earth to Mars and beyond: physiotherapy in 2199

Polastrì M

International Journal of Therapy & Rehabilitation 31 (4) from earth to mars

Comparing the efficacy of physical therapy interventions in Alzheimer's disease: a network meta-analysis

Wu J et al

Frontiers in Aging Neuroscience 2025 comparing the efficacy

Musculoskeletal/Spinal/Orthopaedics

Reliability and validity of visual observation when classifying spinal deformities in adolescents with idiopathic scoliosis based on the Schroth Classification: a retrospective cross-sectional study



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| <p>Kastrinis A et al International Journal of Therapy & Rehabilitation 32 (4) visual observation</p> |
| <p>Comparing the impact of hyaluronic acid injections and exercise therapy alone and combined on the postural sway and base of support in individuals with knee osteoarthritis: a quasi-experimental study Torkaman G et al International Journal of Therapy & Rehabilitation 31 (4) hyaluronic acid injections</p> |
| <p>They paid attention to the whole of me in some way, both physically, mentally and everything in between: a qualitative study of patients' experiences of interdisciplinary rehabilitation (PREVSAM) in primary care for musculoskeletal disorders Ekhammar A et al Scandinavian Journal of Primary Health Care 43 (2) 380-391</p> |
| <p>Stroke</p> |
| <p>A physiotherapy protocol* for stroke patients in acute hospital settings: expert consensus from the Brazilian early stroke rehabilitation task force Iara Maso et al Brazilian Academy of Neurology 83 (4) a physiotherapy protocol</p> |
| <p>What do we need for a successful model of care to promote physical activity after stroke? Results from two web-based surveys of physiotherapists and exercise professionals in Singapore Scully A et al Physiotherapy 127 (2025) 101456</p> |
| <p>Experiences of participation in cardiorespiratory training among people with post-stroke fatigue: a qualitative study Svedjebrant M et al Journal of Rehabilitation Medicine 57 (2025) experiences of participation</p> |
| <p>The influence of therapy enriched with the Erigo®Pro Table and motor imagery on the body balance of patients after stroke – a randomised observational study Olczak A et al Brain Sciences 15 (3) 275</p> |