

Pravin Kumar (MPT - NEUROLOGY) Assistant Professor & Head of Department Email: drpravinkumar@gmail.com

Books/Chapter in Books:

- 1. Chapter "Rehabilitation Approach" in book Stroke and its Comprehensive Rehabilitation Management, Page No: 59-87, 2018 Akansha Publishing House, New Delhi, ISBN 978-81-8370-513-4
- Chapter "Electro-Stimulating Rehabilitation Approach" in book Stroke and its Comprehensive Rehabilitation Management, Page No: 185-201, 2018, Akansha Publishing House, New Delhi, ISBN 978-81-8370-513-4
- 3. Chapter on "Physiotherapy" in Teaching Learning material on Therapeutics and Assistive Device of M.Ed. Sp.Edu. (HI/ID) of Netaji Subhas Open University, Kolkata.
- 4. Book on Post COVID Physical Therapy: Guide For Post COVID Rehabilitation

Research Publication:

- Effect of Neural Mobilization on F-Wave, SNCV, H-Reflex and Oswestry Disability Questionnaire in case of Sciatica. Baba Farid University Physiotherapy Journal. Vol- 1, No.-1, Oct-Dec 2012 Pages 73-80.
- Effect of Upper Limb Tension Test-1 on Evoked Motor Response and Neck Disability Index in case of Cervical Radiculopathy. Baba Farid University Physiotherapy Journal. Vol-1, No.-1, Oct-Dec 2012 Pages 64-72.
- 3. Effect of Neural Mobilization on H-Reflex and Oswestry Disability Questionnaire In Sciatic. IAMR Journal of Physiotherapy, Vol-1, No.-1, March-August 2012, Pages 36- 42.
- 4. Effectiveness of early intervention of Coma Arousal Therapy in Traumatic Head Injury Patients. International Journal of Head & Neck Surgery, Sept-Dec 2012, 3(3):137- 142.
- To evaluate the effect of muscle length and resisted exercise on EMG activity of contralateral upper extremity muscle. IAMR Journal of Physiotherapy, Vol-1, No.-2, March 2013, Pages 30-35.
- 6. Comparison of the effect of High TENS and Low TENS on the shoulder pain in the hemiplegic patient. IAMR Journal of Physiotherapy, Vol-2, No.-1, October 2013, Pages 27-32
- 7. EMG analysis of activation pattern of the supraspinatus muscle during three different positions. IAMR Journal of Physiotherapy, Vol-2, No.-2, April 2014, Pages 14-19
- 8. The effect of cervical traction on h-reflex, grip strength and NDI in patients with cervical radiculopathy. IAMR Journal of Physiotherapy, Vol-3, No.-1, October 2014, Pages 9-17.
- 9. Alteration in activation pattern of neck muscles in patients with chronic neck pain. International Journal of Head & Neck Surgery, Jan-March 2015, 6(1):1-7.
- Compare the Effectiveness of EMG Biofeedback Assisted Core Stability Exercises versus Core Stability Exercises Algne on Pain and Disability in Patients with Low Back Pain. International Journal of Physiotherapy, June 2016, Vol 3(3):376-380.

- 11. Prevalence of Lower crossed syndrome in young adults: a cross sectional study; Int.
 - J. Adv. Res. 2017; 5(6), 2217-2228
- 12. Prevalence of piriformis tightness in healthy sedentary individuals: a cross-sectional study. Int J Health Sci Res. 2017; 7(7):134-142.
- 13. Efficacy of kinesio-taping on pain, range of motion and functional disability in chronic mechanical low back pain: a randomized clinical trial. Int J Health Sci Res. 2018; 8(7):105-112.
- 14. Normative values of Star Excursion Balance Test in young adults: a cross sectional study. *Int. J. Adv. Res. 2018; 6(8): 206-214.*
- 15. Efficacy of hip abductor and extensor strengthening on pain, strength and lower extremity function in piriformis syndrome: a randomized clinical trial. Int J Health Sci Res. 2018; 8(9):80-88.
- 16. Comparative study of motor control exercises and global core stabilization exercises on pain, ROM and function in subjects with chronic nonspecific low back pain- a randomized clinical trial. Int J Health Sci Res. 2019; 9(8):116-123.
- 17. Effect of calcaneal taping on pain, pressure pain threshold & function in subjects with chronic plantar fasciitis: a randomized clinical trial. Int J Health Sci Res. 2019; 9(8):124-131.
- 18. Efficacy of Russian current on pain, strength of quadriceps and function in subjects with primary knee osteoarthritis: a randomized clinical trial. Int J Health Sci Res. 2019; 9(8):140-148.
- 19. Effectiveness of scapular mobilization versus myofascial release of subscapularis on Pain, ROM and function in subjects with chronic frozen shoulder: a comparative study. Int J Health Sci Res. 2019; 9(8):149-156.
- Effectiveness of Pilates Exercise Program on Pain, Function and Stabilometric Parameters in Subjects with Chronic Nonspecific Low Back Pain: A Randomized Clinical Trial. International Journal of Research and Analytical Reviews (IJRAR) Aug 2019, Volume 6, Issue 3, 403-408.
- 21. Efficacy of kinesio-taping over levator scapulae trigger point on pain, pressure pain threshold and function in chronic mechanical neck pain: a randomized controlled trial, *Int. J. Adv. Res.* Aug 2019, *7(8)*, *167-173*.
- 22. Effect of Muscle Energy Technique along with Segmental Stabilization Exercise on Pain, Range of Motion and Function in subjects with Chronic Mechanical Low Back Pain A Randomized Clinical Trial. International Journal of Research and Analytical Reviews (IJRAR) February 2021, Volume 8, Issue 1, 534-539
- 23. Electromyographic Biofeedback- Assisted Pelvic Floor Muscle Training on Stress Urinary Incontinence Following Central & Peripheral Nervous System Vasculitis: A Case Study. International Journal of Research and Analytical Reviews (IJRAR), April 2022, Volume 9, Issue 2, 227-231.
- 24. Prevalence of Flat Foot in College Going Students: A Cross Sectional Study; Malaysian Journal of Medical Research (MJMR):2022; 6(3), 35-47
- 25. Relationship of carrying angle with grip strength and anthropometric measurements in young adults; Bulletin of Faculty of Physical Therapy:2023; 28(16), 1-8
- 26. Comparison of Kaltenborn mobilization technique and muscle energy technique on range of motion, pain and function in subjects with chronic shoulder adhesive capsulitis; Hong Kong Physiotherapy Journal: June 2023;43(2):1-11.