

# CURRICULUM VITAE 2024

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## **EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS**

**1998-2001**, PhD in Physiotherapy, School of Occupational Therapy and Physiotherapy (Allied Health Professionals), University of East Anglia, Norwich, UK.

**1997-1998**, Postgraduate Student (9 months preliminary MSc courses), University of East Anglia, Norwich, UK.

**1991-93**, MSc in Physiotherapy, School of Rehabilitation Sciences, Iran University of Medical Sciences, Tehran, Iran.

**1985-89**, BSc in Physiotherapy, School of Rehabilitation Sciences, Shiraz University of Medical Sciences, Shiraz, Iran.

**2004**, Trainee Program in Healthcare Management and Facility Management (Course D), Karlsruhe University, Germany.

**2004**, Diploma in Strategic Management, Bristol Management Centre, Bristol, UK.

## **APPOINTMENTS**

**2012-Onwards**, Professor, Department of Physiotherapy, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.

**2013-Onwards**, Visiting Professor, University Institute of Physical Therapy, University of Lahore, Lahore, Pakistan.

**2008-12**, Associate Professor, Department of Physiotherapy, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.

**2007-2008**, Associate Professor, School of Medicine, Mazandaran University of Medical Sciences, Sari, Iran.

**2001-6**, Assistant Professor, School of Medicine, Mazandaran University of Medical Sciences, Sari, Iran.

**1993-97**, Lecturer at the School of Medicine, Mazandaran University of Medical Sciences, Sari, Iran.

**1990- Onwards**, Member of Iranian Physiotherapy Association, Tehran, Iran.

**2015-2018**, President of Iranian Physiotherapy Association, Tehran, Iran.

**1989-97 and 2001 Onwards**, Clinical Practice, Iran.

## **PUBLICATIONS**

- 1) Mohseni F, Rahmani N, **Mohseni-Bandpei MA**, Abdollahi I. Reliability of ultrasonography to measure cervical multifidus, semispinalis cervicis and longus colli muscles dimensions in patients with unilateral cervical disc herniation ... **Journal of Bodywork and Movement Therapies 2024;37:399-403.**
- 2) Ravarian A, Rahmani N, Soleimani F, Sajedi F, Noroozi M, Campbell SK, **Mohseni-Bandpei MA**. Designing Study Protocol: The Effects of Rhythmic Maternal Movements on Motor Performance of Preterm Infants Hospitalized in a Neonatal Intensive Care Unit: A Randomized ... **Iranian Journal of Neonatology 2024;15 (1): 48 (Corresponding author).**
- 3) Osqueizadeh R, **Mohseni-Bandpei MA**, Rahmani N, Goudarzi H, Ebadi A. Reliability and Validity of Observational Methods for Postural Load Assessment: An Updated Systematic Review. **Health Scope 2023;12(4):e137573 (Corresponding author).**
- 4) Ravarian A, Rahmani N, Soleimani F, Sajedi F, Noroozi M, Campbell SK, **Mohseni-Bandpei MA**. Test of infant motor performance: Cross-cultural adaptation, validity and reliability in Persian infants. **Early Human Development 2023;184: 105831 (Corresponding author).**
- 5) Nakhaee M, **Mohseni-Bandpei MA**, Mousavi ME, Shakourirad A, R Safari. The effects of a custom foot orthosis on dynamic plantar pressure in patients with chronic plantar

- fasciitis: A randomized controlled trial **Prosthetics and Orthotics International** **2023;47(3):241-252 (Corresponding author).**
- 6) Shahid M, **Mohseni-Bandpei MA**, Ahmed A. Cultural adaptation and Urdu translation of the Fear-Avoidance Beliefs Questionnaire (FABQ) for enhanced clinical outcomes: Validation study. **Multicultural Education** **2023;9(2):45-53 (Corresponding author).**
  - 7) Rafsanjani Deh Qazi H, **Mohseni-Bandpei MA**, Rahmani N. Sonoelastography and Lumbopelvic Muscle Stiffness in Patients with Low Back Pain: A Systematic Review. **Galen Medical Journal** **2023;12:e2465 (Corresponding author).**
  - 8) Azadinia F, Hosseinabadi M, Ebrahimi I, **Mohseni-Bandpei MA**, ... Validity and test-retest reliability of photogrammetry in adolescents with hyperkyphosis. **Physiotherapy Theory and Practice** **2022;38(13):3018-3026.**
  - 9) Ravarian A, **Mohseni-Bandpei MA**, Rahmani N, Sajedi F, Soleimani F. The effects of vestibular stimulations on neurodevelopment, growth and vital signs of preterm infants: A systematic review. **International Journal of Pediatrics** **2022;10(10):16887-16901 (Corresponding author).**
  - 10) Amjad F, **Mohseni-Bandpei MA**, Gilani SA, Ahmad A, Zaheer A. Translation, cross-cultural adaptation, and psychometric properties of the Urdu version of Rand Short Form 36-item survey (SF-36) among patients with lumbar radiculopathy. **Journal of Bodywork and Movement Therapies** **2022;32:176-182 (Corresponding author).**
  - 11) Ahmed I, **Mohseni-Bandpei MA**, Gilani SA, Ahmad A, Zaidi F. R Reliability of dual inclinometer for lumbar range of motion using two different Landmarking techniques. **Journal of the Pakistan Medical Association** **2022;72(10):1994-1997 (Corresponding author).**

- 12) Amjad F, **Mohseni-Bandpei MA**, Gilani SA, Arooj A. Reliability of modified-modified Schober's test for the assessment of lumbar range of motion. **Journal of the Pakistan Medical Association 2022;72(9): 1755-1759 (Corresponding author).**
- 13) Rafsanjani Deh Qazi H, **Mohseni-Bandpei MA**, Rahmani N. Sonoelastography of Multifidus, Piriformis, Quadratus Lumborum, and Gluteus Medius Muscles in Patients with Unilateral Discogenic Lumbar Pain and Healthy Subjects: A ... **Archives of Bone and Joint Surgery 2022;10(7):621 (Corresponding author).**
- 14) Amjad F, **Mohseni-Bandpei MA**, Gilani SA, Ahmad A, Hanif A. Effects of non-surgical decompression therapy in addition to routine physical therapy on pain, range of motion, endurance, functional disability and quality of life versus ... **Journal of Ultrasound in Medicine 2019;38(1):15-26 (Corresponding author).**
- 15) Pourahmadi M, Sahebalam M, Dommerholt J, Delavari S, **Mohseni-Bandpei MA**. Spinopelvic alignment and low back pain after total hip arthroplasty: a scoping review **BMC musculoskeletal disorders 2022;23(1):250**
- 16) Talimkhani A, Abdollahi I, **Mohseni-Bandpei MA**, Mazdeh M, Rezaei B. Evaluation of the Effects and Complications of Transcranial Direct Current Stimulation (tDCS) on Motor Learning Process in Chronic Unilateral Stroke Patient. **Iranian Journal of Ageing 2022;16(4):530-549.**
- 17) Mohammadi-Rad S, **Mohseni-Bandpei MA**, Salavati M, Talebian S, Keyhani S. Reliability of Center of Pressure measures of Postural Stability in Anterior Cruciate Ligament Reconstructed Athletes: Effect of Vibration and Cognitive Load. **J Archives of Bone and Joint Surgery 2022;10(2): 171 (Corresponding author).**
- 18) Talimkhani A, Abdollahi I, **Mohseni-Bandpei MA**, Mazdeh M, Rezaei B. The effects and adverse effects of tDCS on motor learning process in chronic unilateral stroke patients. **Salmand: Iranian Journal of Ageing 2022**

- 19) Ahmed I, **Mohseni-Bandpei MA**, Gilani SA, Ahmad A, Zaidi F. Correlation analysis between pain intensity, functional disability and range of motion using low-level laser therapy in patients with discogenic lumbar radiculopathy: A cross ... **Journal of Lasers in Medical Sciences 2022;13:26**
- 20) Ahmed I, **Mohseni-Bandpei MA**, Gilani SA, Ahmad A, Zaidi F. Effectiveness of Low-Level Laser Therapy in Patients with Discogenic Lumbar Radiculopathy: A Double-Blind Randomized Controlled Trial **Journal of Healthcare Engineering 2022 (1), 6437523 (Corresponding author).**
- 21) Afzal MW, Ahmad A, **Mohseni-Bandpei MA**, Gilani SA, Hanif A, Waqas MS. Effects of virtual reality exercises and routine physical therapy on pain intensity and functional disability in patients with chronic low back pain. **Journal of Pakistan Medical Association 2022;3 (Corresponding author).**
- 22) Amjad F, **Mohseni-Bandpei MA**, Gilani SA, Ahmad A, Waqas M, Hanif M. Urdu version of Oswestry disability index; a reliability and validity study. **BMC musculoskeletal disorders 2021;22: 1-11 (Corresponding author).**
- 23) Naghdi N, **Mohseni-Bandpei MA**, Taghipour M, Rahmani N. Lumbar multifidus muscle morphology changes in patient with different degrees of lumbar disc herniation: an ultrasonographic study. **Medicina 2021;57(7):699 (Corresponding author).**
- 24) Pourahmadi M, Dommerholt J, Fernandez-de-Las-Penas C, Koes BW. **Mohseni-Bandpei MA**. Dry needling for the treatment of tension-type, cervicogenic, or migraine headaches: a systematic review and meta-analysis. **Physical Therapy 2021;101(5): pzab068**
- 25) Taghipour M, **Mohseni-Bandpei MA**, Abdollahi I, Rajabzadeh F, Naghdi N. Reliability of B-mode ultrasonography to measure lumbar multifidus muscle dimensions in patients

- with unilateral lumbar disc herniation. **Journal of Bodywork and Movement Therapies 2021;26:153-157 (Corresponding author).**
- 26) Shahrezaee M, Keshtkari S, Moradi-Lakeh M, Abbasifard M, Alipour V, **Mohseni-Bandpei MA**. Burden of musculoskeletal disorders in Iran during 1990–2017: estimates from the Global Burden of Disease Study 2017. **Archives of Osteoporosis 202;15: 1-10**
- 27) Kajbafvala M, Rahmani N, **Mohseni-Bandpei MA**, Salavati M. Reliability of real time Eligibility of the movement-based classification systems in the diagnosis of patients with low back pain: A systematic review. **Journal of Bodywork and Movement Therapies 2020;24 (4): 76-83**
- 28) Ashrafi A, **Mohseni-Bandpei MA**, Seydi M. The effect of tDCS on the fatigue in patients with multiple sclerosis: A systematic review of randomized controlled clinical trials. **Journal of Clinical Neuroscience 2020;78:277-283 (Corresponding author).**
- 29) Emami M, Rahmani N, **Mohseni-Bandpei MA**, Biglarian A. Reliability of ultrasound imaging of the trunk musculature in athletes with and without hamstring injuries. **Archives of Bone and Joint Surgery 202;8(4): 531 (Corresponding author).**
- 30) Bagherzadeh Cham M, **Mohseni-Bandpei MA**, Bahramizadeh M, B Forogh, S Kalbasi. Effects of vibro-medical insoles with and without vibrations on balance control in diabetic patients with mild-to-moderate peripheral neuropathy. **Journal of Biomechanics 2020;103: 109656 (Corresponding author).**
- 31) Amiri-Arimi S, **Mohseni-Bandpei MA**, Rezasoltani A, Javanshir K, Biglarian A. Asymmetry of cervical multifidus and longus colli muscles size in participants with and without cervical radicular pain. **Journal of Journal of Manipulative and Physiological Therapeutics 43 (3), 206-211 (Corresponding author).**

- 32) Hassan D, Kashif M, **Mohseni-Bandpei MA**, Ali SQ, Raqib A, Manzot N, Zahid S. School bag packs and associated problems among school going children. **Physikalische Medizin, Rehabilitationsmedizin, Kurortmedizin 2020;30(1):10-16**
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- 34) Taghipour M, **Mohseni-Bandpei MA**, Behtash H, Abdollahi I, Rajabzadeh F, Pourahmadi MR, Emami M. Reliability of real time Ultrasound imaging for the assessment of trunk stabilizer Muscles: A systematic review of the literature. **Journal of Ultrasound in Medicine 2019;38(1):15-26 (Corresponding author).**
- 35) Rahmani N, Karimian AR, **Mohseni-Bandpei MA**, Bassampour SA. Reliability of sonography in the assessment of lumbar stabilizer muscles size in healthy subjects and patients with scoliosis. **Journal of Bodywork and Movement Therapies. 2019;23(1):138-141 (Corresponding author).**
- 36) Shadani A, **Mohseni-Bandpei MA**, Rahmani N, Bassampour SA. A Comparison of the Abdominal and Lumbar Multifidus Muscle Size in Patients With Lumbar Spondylolisthesis and Healthy Patients at Rest and During Contraction Using Ultrasonography. **Journal of Manipulative and Physiological Therapeutics. 2018;41(8):691-697 (Corresponding author).**
- 37) Bagherzadeh Cham M, **Mohseni Bandpei MA**, Bahramizadeh M, Kalbasi S, Biglarian A. The effects of vibro-medical insole on sensation and plantar pressure distribution in diabetic patients with mild-to-moderate peripheral neuropathy. **Clinical Biomechanics, 2018;59:34-39 (Corresponding author)**



- 38) Kouhzad Mohammadi H, Mehravar M, Khademi Kalantari K, Naimi SS, Akbarzadeh Baghban AR, Okhovatian F, Rezasoltani A, **Mohseni Bandpei MA**, Taheri N. A comparison of foot kinetic parameters between pronated and normal foot structures during forward jump landing.. **Journal of Bodywork and Movement Therapies**, 2018;22(3):661-665.
- 39) Amiri Arimi S, **Mohseni Bandpei MA**, Rezasoltani A, Javanshir K, Biglarian Measurement of Cervical Multifidus and Longus Colli Muscle Dimensions in Patients With Cervical Radiculopathy and Healthy Controls Using Ultrasonography: A Reliability Study. **PM&R**, 2019;11(3):236-242 **(Corresponding author)**
- 40) Bagherzadeh Cham M, **Mohseni Bandpei MA**, Bahramizadeh M, Kalbasi S, Biglarian A. The effects of Vibro-medical insole on vibrotactile sensation in diabetic patients with mild-to-moderate peripheral neuropathy. **Neurology Science**, 2018;39(6):1079-1084 **(Corresponding author)**
- 41) Emami M, **Mohseni-Bandpei MA**, Rahmani N, Biglarian A, Taghipour M. Association between trunk muscles characteristics with lower limb injuries: A systematic review. **Physical Therapy In Sport**, 2018;32:301-307 **(Corresponding author)**.
- 42) Nakhaee M, Mousavi SE, **Mohseni-Bandpei MA**, Shakurirad A, Safari MR, Vahab Kashani R, Baneshi MR, Nakhaei M. Intra and inter-rater reliability of ultrasound in plantar fascia thickness measurement **Iranian Journal of Radiology**, 2018;15(3)
- 43) Zandi Sh, Rajabi R, Minoonejhad H, **Mohseni Bandpei MA**. Core muscular endurance in volleyball players with anterior shoulder instability and asymptomatic players. **Medicina Dello Sport.**, 2018; 71: 96-106
- 44) Rahmani N, **Mohseni Bandpei MA**, Salavati M, Vameghi R, Abdollahi I. Normal values of abdominal muscles thickness in healthy children using ultrasonography

**Journal of Musculoskeletal Practice and Science, 2018;34:54-58 (Corresponding author).**

- 45) Dinarvand V, Abdollahi I, Raeissadat SA, **Mohseni Bandpei MA**, Babae M, Talimkhani A. The Effect of Scaphoid and Hamate Mobilization on Treatment of Patients with Carpal Tunnel Syndrome. **Anesthesiology and Pain Medicine, 2017;7(5).**
- 46) Khademi J, **Mohseni Bandpei MA**, Abdollahi I. Reproducibility of range of lumbar motion using a modified-modified Shober's technique in patients with chronic non-specific low back pain.. **Journal of Gorgan University of Medical Sciences, 2017; IN PRESS**
- 47) Amiri Arimi S, **Mohseni Bandpei MA**, Rezasoltani A, Peolsson A, Mohammadi M. Multifidus muscle size changes at different directions of head and neck movements in females with unilateral chronic non-specific neck pain and healthy subjects using ultrasonography. **Journal of Bodywork and Movement Therapies, 2018;22(3):560-565.**
- 48) Pourahmadi MR, Bagheri R, Taghipour M, Ebrahimi Takamjani I, Sarrafzadeh J, **Mohseni-Bandpei MA**. A new iPhone® application for measuring active craniocervical range of motion in patients with non-specific neck pain: a reliability and validity study. **Spine Journal 2018;18(3):447-457**
- 49) Rahmani N, **Mohseni Bandpei MA**, Salavati M, Vameghi R, Abdollahi I. Comparative study of abdominal muscle thickness on Ultrasonography in healthy Adolescents and patients with low back pain. **Journal of Ultrasound in Medicine, 2018;37(4):905-912 (Corresponding author).**
- 50) Rahmani N, **Mohseni Bandpei MA**, Salavati M, Vameghi R, Abdollahi I. To compare the reliability of abdominal muscles thickness using ultrasonography in adolescents with

low back pain and healthy adolescents. **Journal of Babol University of Medical Sciences, 2018;IN Press (Corresponding author).**

**51)** Rahmani N, Kiani A, **Mohseni Bandpei MA**, Abdollahi I. Multifidus muscle size in adolescents with and without back pain using ultrasonography. **Journal of Bodywork and Movement Therapies, 2018;22(10):147-151 (Corresponding author).**

**52)** Kouhzad Mohammadi H, Mehravar M, Khademi Kalantari K, Naimi SS, Akbarzadeh Baghban AR, Okhovatian F, Rezasoltani A, **Mohseni Bandpei MA**, Taheri N. A comparison of lower limb muscle activation pattern using voluntary response index between pronated and normal foot structures during forward jump landing. **Journal of Bodywork and Movement Therapies, 2018;22:379-384.**

**53)** Farooq MN, **Mohseni Bandpei MA**, Gilani SA, Ashfaq M, Hafeez A. Urdu version of the neck disability index: a reliability and validity study. **BMC Musculoskeletal Disorders, 2017;18(1):149 (Corresponding Author)**

**54)** Nabavi N, **Mohseni Bandpei MA**, Mosallanezhad Z, Rahgozar M, Jaberzadeh S. The Effect of 2 Different Exercise Programs on Pain Intensity and Muscle Dimensions in Patients With Chronic Low Back Pain: A Randomized Controlled Trial. **Journal of Manipulative and Physiological Therapeutics, 2018;41(2):102-110, (Corresponding Author)**

**55)** Ehsani F, **Mohseni-Bandpei MA**, Fernandez de Las Penas C, Javanshir K. Neck pain in Iranian school teacher: Prevalence and risk factors. **Journal of Bodywork and Movement Therapies, 2018;22(1):64-68 (Corresponding Author)**

**56)** Ahmad A, **Mohseni Bandpei MA**, Gilani SA, Ashfaq M, Monawar A, . Reliability of musculoskeletal ultrasound imaging to measure supraspinatus tendon thickness in healthy subjects. **Journal of Physical Therapy Science, 2017;29(8):1394-1398, (Corresponding Author)**

- 57) Farooq MN, **Mohseni Bandpei MA**, Gilani SA, Ashfaq M, Mahmood Q. The effects of neck mobilization in patients with chronic neck pain: A randomized controlled trial. **Journal of Bodywork and Movement Therapies**, 2018;22(1):24-3, (Corresponding Author)
- 58) **Mohseni Bandpei MA**, Rahmani N, Halimi F, Farooq MN. The prevalence of low back pain in Iranian dentists: An epidemiological study. **Pakistan Journal of Medical Sciences**, 2017;33(2):280-284
- 59) Amiri Arimi S, **Mohseni Bandpei MA**, Javanshir K, Rezasoltani A, Biglarian Arahmadi MR. The effect of different exercise programs on size and function of deep cervical flexor muscles in patients with chronic non-specific neck pain: A systematic review of Randomized Controlled Trials. **American Journal of Physical Medicine and Rehabilitation**, 2017;96(8):582-588 (Corresponding author)
- 60) Pourahmadi MR, Ebrahimi Takamjani I, Sarrafzadeh J, Bahramian M, **Mohseni-Bandpei MA**, Rajabzadeh F, Taghipour M. Reliability and concurrent validity of a new iPhone® goniometric application for measuring active wrist range of motion: a cross-sectional study in asymptomatic subjects. **Journal of Anatomy**, 2016;23:484-495
- 61) Tahan N, **Mohseni-Bandpei MA**, Mikaeili S, Akbarzadeh AR. Sonography of the abdominal muscles thickness during rest and contraction before and after food consumption **Koomesh**, 2016;18(2):243-249 (Corresponding author)
- 62) Rahmani R, **Mohseni-Bandpei MA**, Vameghi R, Salavati M, Abdollahi I. The investigation of symmetry of abdominal muscles thickness in healthy and low back pain adolescents using sonography. **Journal of Babol University of Medical Sciences**, 2016;18(11):22-28 (Corresponding author)

- 63) Ehsani F, **Mohseni-Bandpei MA**, Aminianfar A, Bakhtiary AH. Prevalence and Associated risk factors for upper limbs in school teachers in Semnan (Iran). **Koomesh, 2016;17(4):880-887**
- 64) Pourahmadi MR, Taghipour M, Ebrahimi Takamjani I, Sanjari MA, **Mohseni-Bandpei MA**, Keshtkar AB. Motor control exercise for symptomatic lumbar disc herniation: Protocol for a systematic review and meta-analysis **BMJ, 2016;12:e012426**
- 65) Tahan N, Khademi-Kalantari K, **Mohseni-Bandpei MA**, Mikaili S, Akbarzadeh Baghban A, Jaberzadeh Sh. Measurement of superficial and deep abdominal muscle thickness: an ultrasonography study. **Journal of Physiological Anthropology, 2016;35(17)**
- 66) Pourahmadi MR, Taghipour M, Jannati E, **Mohseni-Bandpei MA**, Ebrahimi Takamjani I, Rajabzadeh F. Reliability and validity of an iPhone® application for the measurement of lumbar spine flexion and extension range of motion. **PeerJ, 2016;4:e2355**
- 67) Noormohammadpour P, Dehghani A, Mansournia MA, **Mohseni Bandpei MA**, Moghadam N, Miri M, Kordi R. Comparison of the cross sectional area of longus colli muscle between patients with cervical radicular pain and healthy controls **Physical Medicine and Rehabilitation, 2017;9(2):120-126**
- 68) Ghaderi F, Beigzadeh A, Karimpour B, Asghari Jafarabadi M, **Mohseni Bandpei MA**. Dysmenorrhea and self-care strategies in Iranian female students: A regression modeling of pain severity and underlying factors. **International Journal of Adolescent Medicine and Health, 2016** 2016-07-18 | DOI: <https://doi.org/10.1515/ijamh-2016-0017>
- 69) Farmani F, **Mohseni Bandpei MA**, Bahramizadeh M, Aminian Gh, Nikoo MR, Sadeghi-goghari M. The influence of Rocker bar Ankle Foot Orthosis on gait in patients

with chronic hemiplegia. **Journal of Stroke and Cerebrovascular Diseases**, 2016;25(8):2078-2082 (Corresponding author)

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71) Saadati H, Abdollahi I, **Mohseni Bandpei MA**, Azimian M, Motamedi H, Biglarian A, Motamed MR, Rezvani A. The Effect of rTMS with Rehabilitation on Hand Function and Corticomotor Excitability in Sub-Acute Stroke. **Iranian Rehabilitation Journal**, 2015;13(4):46-52.

72) Shanbehzadeh S, **Mohseni Bandpei MA**, Ehsani F. Knee muscle activity during gait in patients with anterior cruciate ligament injury: a systematic review of electromyographic studies. **Journal of Knee Surgery Sports Traumatology Arthroscopy**, 2017;25(50):1432-1442 (Corresponding Author)

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74) Emami M, Abdollahi I, Rahmani N, Rezaeian T, **Mohseni Bandpei MA**. The association between hamstring muscle strength and strain in athletes: A systematic review. **Journal of Mazandaran University of Medical Sciences**, 2016;26(137):235-246

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- 77) Karimian AR, Rahmani N, **Mohseni Bandpei MA**, Bassampour SAR, Kiani A. Prevalence and associated factors of scoliosis among children and adolescents: A systematic review. **Journal of Mazandaran University of Medical Sciences**, 2015;25(130):191-199 (Corresponding author)
- 78) Ehsani F, Abdollahi I, **Mohseni-Bandpei MA**. Motor learning and movement performance: Aged versus younger adults. **Journal of Basic and Clinical Neuroscience**, 2015;6(4):231-238
- 79) Katoozian L, Tahan N, **Mohseni Bandpei MA**. Spasticity Following Stroke: A Systematic Review and Meta-analysis. **Journal of Mazandaran University of Medical Sciences**, 2015;25(123):235-250
- 80) Shadani A, Rahmani N, **Mohseni Bandpei MA**, Bassampour SAR. The prevalence and risk factors of spondylolysis and spondylolisthesis: A systematic review. **Journal of Babol University of Medical Sciences**, 2015;17(8):55-62 (Corresponding author)
- 81) Bagherzadeh Cham M, **Mohseni Bandpei MA**, Bahramizadeh M, Kalbasi S, Biglarian A. Reliability of Semmes-Weinstein Monofilaments and tuning fork on pressure and vibration sensation measurement in diabetic patients **Iranian Rehabilitation Journal**, 2015 (Accepted) (Corresponding author)
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**Prosthetics & Orthotics International, 2016;40(6):658-667 (Corresponding author)**

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- 97) Abdollahi I, **Mohseni-Bandpei MA**, Firozi S. The Prevalence of shoulder pain in Physiotherapists of Tehran city. **Journal of Rehabilitation, 2011;12(6): 48-54 (Corresponding author)**
- 98) Ehsani F, Abdollahi I, **Mohseni-Bandpei MA**. A comparison of explicit learning and knowledge effects for implicit motor learning between young and elder adults Using Serial Reaction Time Task. **Salmand-University of Social Welfare and Rehabilitation Sciences, 2012;7(25):68-74**
- 99) Shayesteh Azar M, Karimi Nassab MH, Sajjadi Saravi M, Shafiei SE, Daneshpour SMM, **Mohseni-Bandpei MA**. Relationship between pain and disability levels of patients with knee osteoarthritis with muscle weakness, deformity and radiographic changes. **Medical Journal of the Mazandaran University of Medical Sciences, 2012;22(86):95-101.**
- 100) Ehsani F, Abdollahi I, **Mohseni-Bandpei MA**. A comparison of sequential motor learning between adults and elderly. **Vandad Physiotherapy Journal, 2012; 2(1): 9-16.**
- 101) Garmabi S, **Mohseni-Bandpei MA**, Abdollahi I, Tabatabaei SS. Reliability of measuring lumbar lordosis, flexion and extension using Dual Inclinometer in healthy

- subjects and patients with non-specific chronic low back pain. **Journal of Rehabilitation, 2012;13(3) 8-17 (Corresponding author)**
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- 103) Zandi S, Mohseni-Bandpei MA, Rahmani N.** Ultrasonographic Assessment of Transverse Abdominis in Healthy Subjects and Patients with Low Back Pain: A Systematic Review of the Literature. **Medical Journal of Gorgan University of Medical Sciences, 2013;14(4):1-9. (Corresponding author)**
- 104) Rahmani N, Amiri M, Mohseni-Bandpei MA, Mohsenifar H, Pourahmadi MR.** Work related neck pain in Iranian dentists: An epidemiological study. **Journal of Back and Musculoskeletal Rehabilitation, 2013;26(1):9-15.**
- 105) Ehsani F, Abdollahi I, Mohseni-Bandpei MA.** The effects of explicit learning and knowledge on motor learning in elder adults. **Journal of Rehabilitation, 2012;13(3):56-63.**
- 106) Rahmani N, Mohseni-Bandpei MA, Nodehi-Moghadam A.** Eligibility of Magnetic Resonance Imaging Technique in Determining Articular Cartilage Lesions in Patients with Knee Osteoarthritis; A Systematic Review of the Literature. **Medical Journal of the Mazandaran University of Medical Sciences, 2012;22(Supple 1): 335-345 (Corresponding author)**
- 107) Nabavi N, Mohseni-Bandpei MA, Mosallanejad Z, Rahgozar M.** Reliability of measuring lumbar flexion and extension using Modified-Modified Shober's Test in healthy subjects. **Journal of Rehabilitation, 2011;12(3): 16-23. (Corresponding author)**

- 108) Fakhri M, Yaghobian M, **Mohseni-Bandpei MA**, Enayati AA, Ahmad-Shirvani M, Fakheri H. Reliability of students' feedback in the evaluation of instructors at the Mazandaran University of Medical Sciences. **Medical Journal of the Mazandaran University of Medical Sciences**, 2012;21(86):45-54 (Corresponding author)
- 109) **Mohseni-Bandpei MA**, Keshavarz R, Minoonejad H, Mohsenifar H, Shakeri H. Shoulder pain in Iranian athletes: Prevalence and risk factors. **Journal of Manipulative and Physiological Therapeutics**, 2012;35(7):541-548
- 110) **Mohseni-Bandpei MA**, Ahmad-Shirvani M, Golbabaee N, Behtash H, Shahinfar Z, Fernandez-de-las-penas C. Prevalence and risk factors associated with low back pain in Iranian surgeons. **Journal of Manipulative and Physiological Therapeutics**, 2011 34 (6);362-370
- 111) Tahan N, **Mohseni-Bandpei MA**. Co-activation of abdominal and pelvic floor muscles: A systematic review of the literature. **Medical Journal of the Mazandaran University of Medical Sciences**, 2011;21(81):90-101 (Corresponding author)
- 112) Ghamkhar L, Emami M, **Mohseni-Bandpei MA**, H Behtash. "Application of Rehabilitative Ultrasound in the Assessment of Low Back pain: A Literature Review". **Journal of Bodywork and Movement Therapies**, 2011;15(4):465-477 (Corresponding author)
- 113) Rahmani N, **Mohseni-Bandpei MA**. Application of Perineometer in the Assessment of Pelvic Floor Muscles Strength and Endurance: A Reliability Study. **Journal of Bodywork and Movement Therapies**, 2011;15(2):209-214 (Corresponding author)
- 114) Khani S, Ahmad-Shirvani M, **Mohseni-Bandpei MA**. Mohammadpour-Tahmtan RA. "A comparison of abdominal palpation, Johnson's technique and ultrasound in the

- estimation of fetal weight in Northern Iran". **Midwifery**, 2011;27(1):99-103  
(Corresponding author)
- 115) **Mohseni-Bandpei MA**, Rahmani N, H Behtash, Karimloo M. The effect of pelvic floor muscles exercise on women with chronic non-specific low back pain. **Journal of Bodywork and Movement Therapies**, 2011;15(1):75-81.
- 116) Shayesteh Azar M, Kowsarian SAS, **Mohseni Bandpei MA**, Hadian A. Kienbock's disease in a child. **Iranian Journal of Medical Science**, 2011;36(2):133-135.
- 117) Javanshir Kh, **Mohseni-Bandpei MA**. Rezasoltani A, Amiri M. Reliability of ultrasonography for the longus colli muscle size measurement in healthy subjects and patients with chronic neck pain. **Journal of Bodywork and Movement Therapies**, 2011;15(1):50-56 (Corresponding author)
- 118) Amiri M, **Mohseni-Bandpei MA**, Rahmani N. A comparison of pelvic floor muscle endurance and strength between patients with chronic low back pain and healthy subjects. **Medical Journal of the Mazandaran University of Medical Sciences**, 2010 20(78):2-10 (Corresponding author)
- 119) **Mohseni-Bandpei MA**, Ahmad-Shirvani M, Fakhri M, Rahmani N. The effect of an exercise program and ergonomic advices in the treatment of pregnancy related low back pain: A randomised controlled clinical trial. **Medical Journal of the Mazandaran University of Medical Sciences**, 2010; 20(77):9-17
- 120) Javanshir K, Amiri M, **Mohseni-Bandpei MA**. Rezasoltani A, Fernández-de-las-Peñas C. Ultrasonography of the cervical muscles: A critical review of the literature. **Journal of Manipulative and Physiological Therapeutics**, 2010;33 (8):630-637
- 121) Javanshir K, Ortega-Santiago R, **Mohseni Bandpei MA**, Miangolarra-Page JC; Fernández-de-las-Peñas C. Exploration of somatosensory impairments in subjects with

mechanical idiopathic pain: A preliminary study. **Journal of Manipulative and Physiological Therapeutics**, 2010;33(7):493-499

122) Javanshir, K; Rezasoltani, A, **Mohseni-Bandpei, M. A**, Amiri, M, Ortega-Santiago, R, Fernández-de-las-Peñas, C. Ultrasound assessment of longus colli muscle in subjects with chronic bilateral neck pain. **American Journal of Physical Medicine and Rehabilitation** 2011;90:293-301(Corresponding author)

123) Javanshir Kh, **Mohseni-Bandpei MA**, Amiri M, Rezasoltani A. The comparison of Longus Colli muscle size and shape ratio between healthy subjects and chronic neck pain patients using ultrasonography. **Journal of Babol University of Medical Sciences**, 2009;112(2):65-71

124) Javanshir Kh, **Mohseni-Bandpei MA**, Amiri M, Rezasoltani A. Reliability of Longus Colli Muscle Size Measurement Using Ultrasonography. **Medical Journal of the Gorgan University of Medical Sciences**, 2010;12(1):33-37

125) **Mohseni-Bandpei MA**, Fakhri M, Ahmad-Shirvani M, Bagheri Nessami M, Khalilian AR, Shayesteh Azar M, Mohseni-Bandpei, H. "Low Back Pain in 1100 Iranian Pregnant Women: Prevalence and Risk Factors". **The Spine Journal**, 2009; 9(10): 795-872

126) Sajedi F, Vamegi R, **Mohseni-Bandpei MA**, Alizad V, Hadian-Jazni MR. Motor developmental delay in 7500 Iranian infants: Prevalence and risk factors. **Iranian Journal of Child Neurology**, 2009;3(3)-43-50 (Corresponding author)

127) **Mohseni-Bandpei MA**, Bagheri Nessami M, Shayesteh Azar M. "Nonspecific Low Back Pain in 5000 Iranian School age Children". **Journal of Pediatric Orthopaedics**, 2007; 27(2): 126-129

128) **Mohseni-Bandpei MA**, Fakhri M, Shirvani M, Bagheri-Nesami M, Khalilian AR "A comparative evaluation of an exercise program and ergonomic advices in the

treatment of low back pain: A randomised controlled clinical trial in nursing population at Mazandaran province". **Medical Journal of the Guilan University of Medical Sciences**, 2007;16(62):58-66

**129)** Bagheri Nessami M, **Mohseni-Bandpei MA**. Characteristics and Disability of Low Back Pain in Secondary Schoolchildren Aged 11-14 Years. **Medical Journal of the Kermanshah University of Medical Sciences (Behbood)**, 2007 Spring; 11(1): 1-9. **(Corresponding author)**

**130)** Bagheri Nessami M, **Mohseni-Bandpei MA**, Haghani H. The assessment of the effects of verbal and performance education on Nurses' skill in the use of metered dose inhaler. **Medical Journal of the Mazandaran University of Medical Sciences**, 2007;16(56):29-36..

**131)** **Mohseni-Bandpei MA**, Fakhri M, Shirvani M, Bagheri-Nesami M, Khalilian AR, Shayesteh-Azar M. "Occupational low back pain in Iranian nurses: An epidemiological study". **British Journal of Nursing**, 2006; 15(17): 914-917

**132)** Bagheri Nessami M, **Mohseni-Bandpei MA**, Shayesteh Azar M. "The effect of Benson Relaxation Technique on Rheumatoid Arthritis patients". **International Journal of Nursing Practice**, 2006; 12: 214-219

**133)** **Mohseni-Bandpei MA**, Shayesteh Azar M, Sajjadi Saravi M. "Reliability of measuring lumbar flexion and extension with the Modified-Modified Schober's technique. **MJM, Medical Journal of Mazandaran** , 2006;1(1):9-15

**134)** **Mohseni-Bandpei MA**, Critchley J, Staunton T, Richardson B. "A prospective randomised controlled trial of spinal manipulation and ultrasound in the treatment of chronic low back pain". **Physiotherapy**, 2006 March; 92: 34-42

- 135) **Mohseni-Bandpei MA**, Fakhri M, Shirvani M, Bagheri-Nesami M, Khalilian AR “Risk factors for low back pain in Nurses”. **Medical Journal of the Mazandaran University of Medical Sciences**, 2005 Winter, 16(50); 118-124.
- 136) **Mohseni-Bandpei MA**, Fakhri M, Shirvani M, Bagheri-Nesami M, Khalilian AR “Prevalence and Risk Factors of Low Back Pain in Schoolchildren Age 11-14 Years”. **Medical Journal of the Gorgan University of Medical Sciences**, 2005 Spring and Summer, 7(1); 79-83.
- 137) **Mohseni-Bandpei MA**, Fakhri M, Shirvani M, Bagheri-Nesami M, Khalilian AR “Epidemiological aspects of low back pain in nurses.” **Medical Journal of the Babol University of Medical Sciences**, 2005 Spring, 7(2); 35-40.
- 138) **Mohseni-Bandpei MA**, Fakhri M, Shirvani M, Bagheri-Nesami M. “Low back pain in pregnancy, A systematic review of the literature.” **Medical Journal of the Mazandaran University of Medical Sciences**, 2004 Autumn, 15(44); 94-105.
- 139) **Mohseni-Bandpei MA** Richardson B. “The effect of spinal manipulation versus ultrasound in chronic low back pain using surface electromyography”, **Medical Journal of the Mazandaran University of Medical Sciences**, 2003; 13(39): 1-13.
- 140) **Mohseni-Bandpei MA**, Critchley J, Richardson B. "Low Back Pain: the case for PT". **Therapy Weekly**, 2001; September 13: 4.
- 141) **Mohseni-Bandpei MA**, Watson M. Electromyographic power spectral analysis of the paraspinal muscle: A reliability study. **Physiotherapy**, 2001; 87: 470-478.



- 142) **Mohseni-Bandpei MA**, Watson MJ, Richardson B. "Application of surface electromyography in the assessment of low back pain: a review article". **Physical Therapy Reviews Journal**, 2000; 5: 89-101.
- 143) **Mohseni-Bandpei MA**, Richardson B, Critchley J. "Effects of spinal manipulation therapy in the treatment of chronic low back pain: A randomised clinical trial". **Physiotherapy**, 2000; 86(7): 379.
- 144) **Mohseni-Bandpei MA**, Stephenson R, Richardson B. "Spinal manipulation in the Treatment of Low Back Pain: A review of the literature with a particular emphasis on randomised clinical trials". **Physical Therapy Reviews Journal**, 1998; 3: 185-194.
- 145) **Mohseni-Bandpei MA and Ashayeri H**. "The effects of Laser on peripheral sensory nerve latency". **Medical Journal of Iran University of Medical Sciences**, 1997; 14: 39-44.
- 146) **Mohseni-Bandpei MA**. "The effects of transcutaneous electrical nerve stimulation (TENS) on labour pain". **Medical Journal of Mashad University of Medical Sciences**, 1996; 39: 105-109.
- 147) **Mohseni-Bandpei MA**. "Pain and its relief mechanism with laser", **Journal of Mazandaran University of Medical Sciences**, 1995; 8(2): 8-12.
- 148) **Mohseni-Bandpei MA**. "Low Power Laser and Its Applications in Physiotherapy", **Iranian Physiotherapy Association Publications**, 1992, Tehran, Iran.

## **BOOKS**

1. Pourahmadi MR, **Mohseni Bandpei MA**, Mohseni Far H, Rahmani N. Movement Impairment Syndromes of Lumbar Spine. University of Social Welfare and Rehabilitation Sciences, 2013, Tehran, Iran (IN REVIEW).
2. Pourahmadi MR, **Mohseni Bandpei MA**, Mohsenifar H, Rahmani N. Physiotherapy in the Temporomandibular Joint Disorders: The Biomechanics and Manual Therapy Approach. Ghalam-e-Elm Publications Institute, **2011**, Tehran, Iran.
3. **Mohseni Bandpei MA**, English for the Students of Physiotherapy, Setayesh Hasti Publications Institute, **2011**, Tehran, Iran.
4. **Mohseni Bandpei MA**, Mohseni Far H. Kinesiology of the Musculoskeletal System: A Physical Therapy Perspective, WRIST. Translation, Setayesh Hasti Publications Institute, **2011**, Tehran Iran.
5. **Mohseni Bandpei MA, et al.** Massage Techniques for Holistic Therapists, **2008**, Tehran, Iran
6. **Mohseni Bandpei MA**, Bagheri Nessami M. Nursing Assessment and Management in Musculoskeletal Disorders. Teimorzadeh Publications Institute, **2006**, Tehran, Iran.
7. **Mohseni Bandpei MA**, Mojra E. 100 Cases in Clinical Medicine, Translation, Teimorzadeh Publications Institute, **2005**. Tehran, Iran

## **CONDUCTED WORKSHOPS**

Conducting different national and international workshops on the following topics:

- 1) Dry Needling for Myofascial Trigger Points

- 2) Neurodynamic Techniques
- 3) Scientific Writing
- 4) Evidence Based Practice
- 5) Systematic Review
- 6) Research Priorities

## **PRESENTATIONS AT ACADEMIC CONFERENCES**

### **NOT Updated**

- 1) 2018, The 1<sup>st</sup> National Spine & Sport Congress 22-23 Feb, 2018, Tehran, Iran
  
- 2) 2017, Capacity Building in Research Methods and Ethics: Good Health Research Practice, 22-25 Dec., 2017, Hammamet, Tunisia
  
- 3) 2017, 2<sup>nd</sup> National Clinical Movement Sciences, 12-14 Dec, 2017, Ahvaz, Iran
  
- 4) 2017, Osteoarthritis, 20-22 Sept, 2017, Isfahan, Iran
  
- 5) 2017, WCPT Congress, 3-5 July 2017, Cape Town, South Africa
  
- 6) 2017, The 28<sup>th</sup> Annual and 1<sup>st</sup> International Congress of Iranian Physiotherapy Associations. 24-26 May 2017, Tehran, Iran.
  
- 7) 2016, The 4<sup>th</sup> Congress on Musculoskeletal Disorder, 20-21 Oct. 2016, Sari, Iran.
  
- 8) 2016, The 27<sup>th</sup> Annual Congress of Iranian Physiotherapy Associations. 4-6 May 2016, Tehran, Iran.

- 9) 2016, The 19<sup>th</sup> Annual Iranian Congress of Physical Medicine, Rehabilitation & Electrodiagnosis. 2016, Tehran, Iran.
- 10) 2016, "The 4<sup>th</sup> Seminar of Electrotherapy. Iranian Physiotherapy Association 2016, Tehran, Iran.
- 11) 2015, "The 5<sup>th</sup> Symposium on Scientific Research faced with emerging Development Challenges in Africa, 28 Sept-3 Oct, University of Abomey Calavi, **Benin**
- 12) 2015, "The 3<sup>rd</sup> International Seminar on Physical Therapy", 25<sup>th</sup> July, University of Lahore, Lahore, **Pakistan**
- 13) 2014, "The 25<sup>th</sup> Iranian Annual Physiotherapy Congress, 7-9 May, Tehran, **Iran**
- 14) 2014, "The 2<sup>nd</sup> International Seminar on Latest Trends in Physical Therapy", July, University of Lahore, Lahore, **Pakistan**
- 15) 2013, "The 14<sup>th</sup> Seminar on Specific Spine Physical Therapy, 25-26 December, Tehran, **Iran** (Two papers).
- 16) 2013, "The 1<sup>st</sup> International Seminar on Latest Trends in Physical Therapy", August, University of Lahore, Lahore, **Pakistan**
- 17) 2012, "The 13<sup>th</sup> Seminar on Specific Spine Physical Therapy, 26-27 December, Tehran, **Iran** (Two papers).

- 18) 2011, "The 51<sup>st</sup> Annual International Congress of Iranian Dental Association, July, Tehran, **Iran**.
- 19) 2010, "The Iranian Spine Society Seminar, Failed Back Surgery Syndrome, 10-13 May, Tehran, **Iran**.
- 20) 2009, "The 8<sup>th</sup> International Congress of Obstetrics and Gynaecology, Iran University of Medical Sciences, 6-9 November, Tehran, **Iran** (Two papers).
- 21) 2007, "The Annual European Congress of Rheumatology (EULAR-2007)", 13-16 June, Barcelona, **Spain**.
- 22) 2006, "The Annual European Congress of Rheumatology (EULAR-2006)", 21-24 June, Amsterdam, **The Netherlands** (Two papers).
- 23) 2005, "The 9<sup>th</sup> International Interdisciplinary Congress on Women" 19-24 June, Seoul, **South Korea** (Two papers).
- 24) 2004, "The 5<sup>th</sup> Interdisciplinary World Congress on Low Back & Pelvic Pain" 10-13 November, Melbourne, **Australia** (Two papers).
- 25) 2004, "The 7<sup>th</sup> World Conference on Safety Promotion and Injury Prevention", 6-9 June, Vienna, **Austria**.

- 26) 2003, "The 14<sup>th</sup> International World Confederation for Physical Therapy (WCPT) Congress", 7-12 June, Barcelona, **Spain**.
- 27) 2002, "The 1<sup>st</sup> Congress on Mechanical Low Back Pain" 28-29 May, Tabriz, **Iran**.
- 28) 2001, "The 4<sup>th</sup> Interdisciplinary World Congress on Low Back & Pelvic Pain" 8-10 November, Montreal, **Canada**.
- 29) 2000, "East Anglian Spinal Surgeons' Meeting", October the 13<sup>th</sup> , BUPA Hospital, Norwich, **United Kingdom**.
- 30) 2000, "The 8<sup>th</sup> European Conference on Pain Research, joint with the 19th European Society of Regional Anaesthesia (ESRA) Conference" 20-23 September, Rome, **Italy**.
- 31) 2000, "The 5<sup>th</sup> Nordic Research Symposium in Physiotherapy, Evidence Based Physiotherapy, Bridging Research and Clinical Practice" 22-24 June, Reykjavik, **Iceland** (Two papers)
- 32) 2000, "The 7<sup>th</sup> Annual Seminar of Iranian Students in Europe" 20-21 May, Manchester, **UK**.
- 33) 2000, "Physiotherapy Research Society Conference" Chartered Society of Physiotherapy, 6<sup>th</sup> April, Brighton, **UK**.
- 34) 1998, "The 5<sup>th</sup> Annual Seminar of Iranian Students in Europe", 4-5 July, London, **UK**.

- 35) 1997, “Biomechanics and Low Back Pain”, Work Medicine Conference, Mazandaran. University of Medical Sciences, Sari, **Iran.**
- 36) 1996, “The Effects of TENS on Labour Pain”, 7<sup>th</sup> Physiotherapy Annual Congress, Iranian Physiotherapy Association, Tehran, **Iran.**
- 37) 1994, “The Effects of Laser on Peripheral Nerve Latency”, 5<sup>th</sup> Physiotherapy Annual Congress, Iranian Physiotherapy Association, Tehran, **Iran.**
- 38) 1993, “The Effects of Low Level Laser on Skin Diseases”, 2<sup>nd</sup> International Congress of Laser and Its Applications, Iran Atomic Energy Organisation, Tehran, **Iran.**
- 39) 1992, “Physiological Effects of Low Power Laser on Human Tissue”, 11<sup>th</sup> Physiology & Pharmacology Congress, Iranian Physiology & Pharmacology Association, Tabriz, **Iran.**
- 40) 1992, “The Effects of Combined Infra Red and He-Ne Laser on Bed Sore”, 3<sup>rd</sup> Physiotherapy Annual Congress, Iranian Physiotherapy Association, Tehran, **Iran.**
- 41) 1991, “Low Level LASER in Physiotherapy”, 2<sup>nd</sup> Physiotherapy Annual Congress, Iranian Physiotherapy Association, Tehran, **Iran.**

## **EDITORIAL BOARDS**

### **NOT Updated**

- 1) 2015-2018, "World Journal of Orthopedics", Baishideng Publishing Group Inc, 8226 Regency Drive, Pleasanton, CA 94588, USA and Baishideng Publishing Group Co., Limited, Flat C, 23/F., Lucky Plaza, 315-321 Lockhart Road, Wan Chai, Hong Kong, China

- 2) **2010-Onwards, "Medical Journal of Mazandaran University of Medical Sciences", Sari, Mazandaran, Iran**
  
- 3) **2011-Onwards, Editor-In-Chief, "Journal of Rehabilitation" University of Social Welfare and Rehabilitation Sciences, Tehran, Iran**
  
- 4) **2012-Onwards, Associate Editor, "Iranian Rehabilitation Journal (IRJ) (English Journal)", University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.**
  
- 5) **2012-Onwards, "Journal of Modern Physiotherapy, Toronto, Canada**
  
- 6) **Reviewer for the following national and international journals:**
  - a. Journal of Manipulative and Physiological Therapeutics
  - b. Asian Journal of Sports Medicine
  - c. Journal of Back and Musculoskeletal Rehabilitation
  - d. PLoS ONE
  - e. Osteoporosis International
  - f. World Journal of Orthopedics
  - g. Journal of Modern Physiotherapy
  - h. Iranian Journal of Rehabilitation
  - i. Journal of Rehabilitation
  - j. Medical Journal of Mazandaran University of Medical Sciences
  - k. Medical Journal of Babol University of Medical Sciences
  - l. Medical Journal of Gorgan University of Medical Sciences
  - m. Medical Journal of Shahid Sadoghi University of Medical Sciences
  - n. ....

## **PROFESSIONAL MEMBERSHIP**

**NOT Updated**



- 1) **2014-Onwards, Member of Iranian Research Centre on Aging, University of Social Welfare and Rehabilitation Sciences (Part-time).**
- 2) **2013-2014, Member of Neuropediatric Rehabilitation Research Centre. University of Social Welfare and Rehabilitation Sciences (Part-time).**
- 3) **2012-Onwards, "North American Spine Society (NASS)"**
- 4) **2001-Onwards, "Medical Council of Islamic Republic of Iran"**
- 5) **1999-Onwards, "International Association for the Study of Pain (IASP)"**
- 6) **1992-Onwards, "Iranian Physiotherapy Association (IPA)".**

## **ATTENDANCE AT ACADEMIC CONFERENCES**

**NOT Updated**

**2002, "The 1<sup>st</sup> Middle East Conference on Healthcare Informatics" 21-22 October, Dubai, UAE.**

**1999, "The Society for Back Pain Research, Annual Conference", British Orthopaedic Association, 11-12 November, Cardiff International Arena, UK.**

**1998, "Physiotherapy Management of Low Back Pain" 3<sup>rd</sup> International Congress of WCPT, 13-14 November, Paris, France.**

## **PRESENTATIONS TO LOCAL CLINICIANS**

**NOT Updated**

1. **2016, "Muscle Injury After Surgery", Tehran Iran**
2. **2014, "Critical Appraisal", February, Iranian Spine Surgeons Society, Tehran Iran**

3. **2009**, "Occupational Low Back Pain in Nurses Workshop, February, Mazandaran Imam Khomeini Hospital, Fereidonkena, **Iran**
4. **2006**, "Occupational Medicine for General Practitioners Seminar, November Mazandaran University of Medical Sciences, Noshahr, **Iran**
5. **2005**, "Occupational Health and Injury in two days seminar on Crisis Management in Unforeseen Events for General Practitioners, Specialists and other health professions. 20-21 June, Basij Medical Society in cooperation with Mazandaran University of Medical Sciences, Sari, **Iran**
6. **2004**, "Strategic Management in Healthcare Services" Quarterly Meeting for General Directors of Health Centres and Hospitals, August 2004, Mazandaran University of Medical Sciences, Sari, **Iran**
7. **2004**, "Low Back Pain in Athletes, One day Seminar for Women Athletes, June, Chalous Physical Education Office, Mazandaran, Chalous, **Iran**
8. **2004**, "Pain, Inflammation and Treatment Seminar, May 2004, Mazandaran University of Medical Sciences, Sari, **Iran**
9. **2002**, "Occupational Medicine for General Practitioners Seminar, May 2002, Mazandaran University of Medical Sciences, Sari, **Iran**
10. **2000**, "East Anglia Spinal Surgeons' Meeting", October the 13<sup>th</sup>, BUPA Hospital, Norwich, **UK**.
11. **1999**, "East Anglia Musculoskeletal Research Meeting", October the 1<sup>st</sup>, University of East Anglia, **UK**.

## **ADMINISTRATION DUTIES**

**2024-Onwarads, Head of Rehabilitation in Neuromusculoskeletal Research Center, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.**

**2024-Onwarads, Head of Physiotherapy Department, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.**

**2020-2024, Head of Supporting People with Disability Fraction, IRI Parliament, Tehran, Iran.**

**2020-2024, Head of Elderly Health Fraction, IRI Parliament, Tehran, Iran.**

**2020-2024, Member of Health Commission of the IRI Parliament, Tehran, Iran.**

**2020-2024, Member of IRI Parliament from Noshahr, Chalous and Kelardasht Election Area, Tehran, Iran.**

**2015, Member of Research Committee, Iranian Medical Council, Tehran, Iran.**

**2015, Member of Audit Committee for Academic Staff Promotion, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.**

**2014, Vice-Chancellor for International Affairs, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.**

**2015, Member of Supreme Council for Strategic Planning, State Social Welfare Organization, Tehran, Iran.**

**2015, Chief Adviser on Rehabilitation and International Affairs. State Welfare Organization, Tehran, Iran.**

**2014-2018, Member of Board of Trustee, Pardissan Institute of Higher Education, Fereidonkenar, Mazandaran, Iran).**

**2013, Scientific Secretary, The 14<sup>th</sup> National & the 1<sup>st</sup> International Seminar on Physical Therapy in Spine. (25-26 Dec., University of Social Welfare and Rehabilitation Sciences, Tehran, Iran).**

**2013-Onwards, Member of Board of Directors,** University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.

**2013-Onwards, Member of Physiotherapy and Technical Orthopedics Exam and Administrating Board,** Ministry of Health and Medical Education, Tehran, Iran.

**2013-Onwards, Head of International Branch,** University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.

**2012-Onwards, Associate Editor,** Iranian Rehabilitation Journal-IRJ (English Journal), University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.

**2011-Onwards, Editor-In-Chief,** Journal of Rehabilitation, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.

**2010-Onwards, Member of Scholarship Council,** University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.

**2010-Onwards, Member of Student Research Committee,** University of Social Welfare and Rehabilitation Sciences, Tehran, Iran.

**2002-2006, Vice-Chancellor for Financial and Administrative Affairs,** Mazandaran University of Medical Sciences, Sari, Iran

**2003-2006, Director of the Productivity Committee,** Mazandaran University of Medical Sciences, Sari, Iran

**2003-2006, Director of the Strategic Planning Committee** of the University, Mazandaran University of Medical Sciences, Sari, Iran

**2002-2004, Member of University Council**, Mazandaran University of Medical Sciences, Sari, Iran

**1997-2001, Member of Musculoskeletal Disorders Research Committee**, School of Occupational Therapy and Physiotherapy, University of East Anglia, Norwich, UK.

**1996-97, Head of Rehabilitation Department**, School of Medicine, Mazandaran University of Medical Sciences.

**1995-97, Member of Research Committee**, Mazandaran University of Medical Sciences.

**1994-97, Registrar**, Education Deputy, Mazandaran University of Medical Sciences.

**1994-97, Assistant and Programme Organiser** of Education Committee, Mazandaran University of Medical Sciences.

**1994-97, Member of Educational Development Centre**, Mazandaran University Medical Sciences.

**1993-97, Member of Basic Sciences Committee** of the School of Medicine, Mazandaran University of Medical Sciences.

**1990-Onwards, Member of Iranian Physiotherapy Association**, Tehran, Iran

## **GRANTS AND AWARDS**

1. **2014**, Iran National Science Foundation Research Grant to perform a research project under title of "Designing, Developing and Evaluating Immediate Effects of Medical-Vibrating Insole on Touch Sensation, Dynamic Plantar Pressure Distribution and Postural Control in Patients with Diabetic Neuropathy" in Tehran, **Iran**.

2. **2007**, The Annual European Congress of Rheumatology (EULAR-2007) scholarship awards to present a paper in Barcelona, **Spain**.
3. **2006**, The Annual European Congress of Rheumatology (EULAR-2006) scholarship awards to present two papers in Amsterdam, **The Netherlands**.
4. **2004**, Iran Ministry of Health and Medical Education Award funded by the World Bank to study for Diploma in Healthcare Management, Karlsruhe, **Germany**.
5. **2004**, Iran Ministry of Health and Medical Education Award funded by the World Bank to study for Diploma in Strategic Management, Bristol, **UK**.
6. **2004**, The 7<sup>th</sup> World Conference on Injury Prevention and Safety Promotion scholarship awards to present a paper in Vienna, **Austria**
7. **2000**, Arthritis Research Campaign Educational Travel Bursary to present a paper at the 8<sup>th</sup> European Conference of Pain Research, in Rome, **Italy**
8. **2000**, The Wellcome Trust Awards to present two papers at the 5<sup>th</sup> Nordic Research symposium in Physiotherapy, in Reykjavik, **Iceland**
9. **2000**, British Geriatrics Travel Awards to present two papers at the 5<sup>th</sup> Nordic Research Symposium in Physiotherapy, in Reykjavik, **Iceland**
10. **2000**, Joint winner in the Bicentennial awards for research projects at the Norfolk and Norwich Hospital, Norwich, **UK**
11. **2000**, Norfolk and Norwich Hospital travel award, **UK**.

12. **2000**, Sir Philip Reckitt Educational travel award, **UK**.
13. **1997**, Iran Ministry of Health and Medical Education fund to study for PhD degree in Physiotherapy, **Iran**

## **SUPERVISORY RESEARCH ACTIVITIES**

**NOT Updated**

- 1) **2016-18**, Adviser, A. Talimkhani (PhD Student in Physical Therapy). The effect of transcranial direct current stimulation on motor skill learning in stroke patients and healthy individuals, Tehran, Iran
- 2) **2016-18**, Supervisor, M. Emami (PhD Student in Physiotherapy). The effect of stabililization exercises plus routine exercises compared with routine exercises alone on lumbar spine stabilizer muscles size, hamstring muscles size and flexibility in athletes syffering from hamstring muscles strain: a randomized clinical trial
- 3) **2016-18**, Supervisor, M. Taghipour (PhD Student in Physiotherapy). The effect of routine physiotherapy with and without stabilization exercises on pain, functional disability, lumbar ROM, and dimensions of the lumbar multifidus and abdominal muscles in patients with unilateral chronic lumbar radiculopathy: A Randomized Controlled Clinical Trial
- 4) **2016-18**, Supervisor, S. Amiri Arimi (PhD Student in Physiotherapy). The effect of routine physiotherapy with and without stabilization exercises on pain, functional disability, neck ROM, and dimensions of the cervical multifidus and longus colli muscles in patients with unilateral chronic cervical radiculopathy: A Randomized Controlled Clinical Trial

- 5) **2014-16**, Supervisor, A. Shadani (MSc Student in Physiotherapy). A comparison of Multifidus and abdominal muscles size between healthy subjects and patients with spondylolisthesis using Ultrasonography
- 6) **2014-16**, Supervisor, A. Karimian (MSc Student in Physiotherapy). A comparison of Multifidus and abdominal muscles size between patients with lumbar scoliosis and healthy subjects using Ultrasonography
- 7) **2015-16**, Adviser, F. Rajabzadeh (MSc Student in Physical Therapy). Translation, Cross-Cultural Adaptation, Reliability Assessment and Construct Validation of Persian Version of London Handicap Scale in Farsi– Speaking Iranians with chronic knee pain. Tehran, Iran
- 8) **2013-15**, Adviser, H. Saadati (PhD Student in Physical Therapy). The effect of high and low frequency rTMS with rehabilitation compared with rehabilitation alone on hand motor function and brain corticomotor excitability in patients with sub-acute stroke, Tehran, Iran
- 9) **2014-15**, Adviser, V. Dinarvand (MSc Student in Physical Therapy). The effects of scaphoid and hamate mobilization in patients with carpal tunnel syndrome: A randomized controlled clinical trial. Tehran, Iran
- 10) **2014-15**, Adviser, Sh. Zandi (PhD Student in Physical Education). The effects of rhythmic stabilization exercise on pain, functional stability and Electromyographic muscle activity in elite female volleyball players with recurrent anterior shoulder instability: A randomized controlled clinical trial. Tehran, Iran
- 11) **2014-15**, Supervisor, Ashfaq Ahmad (PhD Student in Physiotherapy). The effects of Exercise Therapy with and without Low Level Laser Therapy in the treatment of



patients with partial tear of supraspinatus tendon: A randomised controlled clinical trial  
**(University of Lahore, Pakistan)**

- 12) **2014-15**, Supervisor, Muhammad Nazim Farooq (PhD Student in Physiotherapy). The effects of mobilization and routine physiotherapy compared with routine physiotherapy alone on pain, disability, range of motion and neck muscles endurance in patients with chronic mechanical neck pain; a double blinded randomized controlled clinical trial.  
**(University of Lahore, Pakistan)**
  
- 13) **2014-15**, Supervisor, A. Kiani (MSc Student in Physiotherapy). A comparison of Multifidus muscle size between healthy high school students and matched students with chronic low back pain using Ultrasonography
  
- 14) **2013-15**, Supervisor, F. Farmani (PhD Student in Orthosis & Prothesis). The effectiveness of Rocker Bar Ankle Foot Orthosis on Plantar Pressures, Functional Mobility, Time Characteristics and Velocity of Gait in Hemiplegic subjects: A Randomized Controlled Clinical Trial
  
- 15) **2013-15**, Supervisor, M. Bagherzadeh (PhD Student in Orthosis & Prothesis). Designing, developing and evaluating the immediate effects of Medical-Vibrating Insole on pressure and vibration sensation, dynamic plantar pressure distribution and postural control in patients with mild and moderate diabetic neuropathy.
  
- 16) **2013-15**, Supervisor, N. Rahmani (PhD Student in Physiotherapy). A comparison of abdominal (TrA, IO and EO) muscles size between healthy high school students and matched students with chronic low back pain using Ultrasonography.
  
- 17) **2013-15**, Supervisor, M. Nakhaei (PhD Student in Technical Orthopedics). The effect of newly designed orthosis with night splint and currently used medications on pain, functional ability, quality of life, dynamic plantar pressure distribution and plantar

fascia thickness with ultrasonography in patient with chronic plantar fasciitis: A randomized controlled trail.

- 18) **2012-15**, Adviser, H. Saadati (PhD Student in Physiotherapy). The Effect of high and low frequency rTMS and rehabilitation compared with rehabilitation alone on hand motor function and brain corticomotor excitability in men with acute stroke.
- 19) **2012-15**, Supervisor, J. Khademi (PhD Student in Physiotherapy). The Effect of 12 weeks supervised stabilization exercises in the treatment of patients with chronic low back pain using Ultrasonography: A Randomized controlled clinical trial.
- 20) **2011-13**, Advisor, A. Dehghani Firouzabadi, (MD, Resident in Sports Medicine). Ultrasound assessment of bilateral neck muscles in subjects with unilateral cervical radiculopathy referred to sports medicine clinic. Tehran University of Medical Science.
- 21) **2011-12**, -Supervisor, S. Garmabi (MSc Student in Physiotherapy). Assessment of Lumbar Multifidus's Size in Neutral, Flexion and Extension of Lumbar Spine with and without Upper Limb Extremity Movement in Healthy Women and Women with Nonspecific Low Back Pain
- 22) **2010-11**, -Advisor, F. Ehsani (MSc Student in Physiotherapy). A Comparative Study on Explicit and Implicit Serial Reaction Time Task Learning in Young, Middle Age and Older Individuals
- 23) **2008-09**, -Advisor, K. Javanshir (PhD Student in Physiotherapy). The Effect of Stabilization Exercises in the Treatment of Chronic Neck Pain.
- 24) **2008-09**, -Supervisor, N. Nabavi (MSc Student in Physiotherapy). The Effect of Stabilization Exercises in the Treatment of Chronic Low Back Pain using Ultrasonography.

- 25) **2008-09**, -Advisor, N. Rahmani (MSc Student in Physiotherapy). The Effect of Pelvic Floor Muscle Exercise in the Treatment of Chronic Low Back Pain.
- 26) **2007-08**, -Supervisor, N. Golbabei (Medical Student). Prevalence and risk factors for musculoskeletal disorders in Dentists.
- 27) **2007-08**, -Supervisor, F. Halimi (Medical Student). Prevalence and risk factors for musculoskeletal disorders in Surgeons.
- 28) **2006-07**, -Supervisor, B. Nayyeri (Medical Student); Designing a Software for Heart Rate Variability Analysis using Graphical Mapping of Chaos Game Representation of Its Time Series. No. 928.
- 29) **2006-07**, -Supervisor, I. Tavasoli (Medical Student): Fractal Analysis of mtDNA Using Iterated Function Systems and Chaos Game Representation for Comparison of Fractal Dimension of its Nucleotide Sequences in the Phylogenetic Tree of 15 Species. No. 856. Letter 6547/17.8.84
- 30) **2004-05**, -Supervisor, F. Nemati (Medical Student): Prevalence and risk factors for low back pain in school children aged 11-14 years.

## **RESEARCH PROJECTS**

### **NOT Updated**

1. **2014**, Multifidus and Abdominal Muscles size measurements in healthy subjects and patients with chronic low back pain using Ultrasonography and assessing the relationship between muscles size and pain, functional disability in patients with

chronic non-specific low back pain. University of Social Welfare and Rehabilitation Sciences. (In process)

2. **2014**, A comparison between the effect of routine physiotherapy and supervised stabilization exercises compared with spine surgeons' routine treatment on pain, functional disability, lumbar range of motion and abdominal and lumbar muscle size in patients with failed back surgery syndrome. University of Social Welfare and Rehabilitation Sciences. (In process)
3. **2013**, The prevalence and risk factors of low back pain in Teachers. University of Social Welfare and Rehabilitation Sciences (grant no., 419-30.2.92).
4. **2011**, The prevalence and risk factors of shoulder pain in Iranian adult athletes. University of Social Welfare and Rehabilitation Sciences (grant no., 21274-19.11.89).
5. **2007**, The Effect of Low Power Laser in the Treatment of Chronic Low Back Pain. Mazandaran University of Medical Sciences, Sari, Iran
6. **2007**, Epidemiological study of musculoskeletal disorders in General Surgeons, Neurosurgeons, Orthopaedic Surgeons and Gyneocologists of Mazandaran Province and the effect of an Exercise program & Ergonomic advices in a randomized clinical trial (in 2007). Mazandaran University of Medical Sciences, Sari, Iran (87-72, 1/8/87).
7. **2006**, Epidemiological study of musculoskeletal disorders in dentists (in 2006) and the effect of an Exercise program and Ergonomic advices in a randomized clinical trial. Mazandaran University of Medical Sciences, Sari, Iran (86-32, 13/4/86).
8. **2006**, The Assessment of Nurses and Patients Skill in the Use of Metered Dose Inhaler (MDI) and the Effect of Verbal and Performance Education on Nurses Skill in the Use of MDI. Mazandaran University of Medical Sciences, Sari, Iran

9. **2003**, Prevalence and risk factors for low back pain in school children aged 11-14 years. Mazandaran University of Medical Sciences, Sari, Iran
10. **2003**, “A prospective longitudinal study on low back pain and related risk factors during pregnancy with one year follow up: The effect of exercise in prevention of Low back pain in a Randomised Controlled Trial” Mazandaran University of Medical Sciences, Sari, Iran (82-102, 15/11/82)
11. **2002**, A comparative epidemiological study of low back pain in nurses: The effect of exercise and Ergonomic advices in a randomized controlled clinical trial. Mazandaran University of Medical Sciences AND Mazandaran Management and Planning Organization, Sari, Iran
12. **1998**, “Chronic Low Back Pain: A Randomised Controlled Clinical Trial of Spinal Manipulation Measuring Pain, Functional Disability, Lumbar Movements and Muscle Endurance Using Surface Electromyography”, School of Occupational Therapy and Physiotherapy, University of East Anglia, Norwich, UK
13. **1995**, “The effects of transcutaneous electrical nerve stimulation (TENS) on labour pain”. Mazandaran University of Medical Sciences, Sari, Iran
14. **1993**, “The Effect of Infra-Red Low Power Laser on Peripheral Sensory Nerve Latency Using Electromyography”, School of Rehabilitation Sciences, Iran University of Medical Sciences, Tehran, Iran
15. **1990**, “Laser in Physiotherapy”, BSc Thesis, Faculty of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran

## **EDUCATIONAL ACTIVITIES**

**NOT Updated**

I was involved in teaching activities on relevant subjects at different schools affiliated to the Mazandaran University of Medical Sciences since 1991 to 2007. From 2007 onwards teaching was continued at the Department of Physiotherapy of the University of Social Welfare and Rehabilitation Sciences. The brief outlines are as follows:

1. **Medical Physics** for Medical Students (1 unit)
2. **Biophysics** (1 unit) for Students of General Health, Students of Laboratory Sciences and Theatre Technicians. Including:
  - a. High Frequency Currents and its Application in Medicine;
  - b. Ultrasound and the Therapeutic Effects of US;
  - c. Heat, Physical and Physiological Effects of Heat and its application in Medicine;
  - d. LASER in Medicine;
  - e. Biomechanics;
  - f. Molecular Mechanisms of Muscle Contraction;
  - g. etc.
3. **Rehabilitation in Rheumatic Diseases** for Medical Students (0.25 unit)
4. **Physical Medicine** for the Students of General Health (2 units).
5. **Principles of Rehabilitation** for the Students of General Health, Family Health and for the Students of Diseases Control (1 unit each).
6. **Professional English Language 1 and 2** for the Students of Medicine (3 units each).
7. **Professional English Language** for Nursing Students (2 units).

8. **Electrotherapy** for Physiotherapy Students
9. **Kinesiology and Biomechanics of Spine** for Physiotherapy Students
10. **Orthopaedics** for Physiotherapy Students
11. **Electromyography** for Physiotherapy Students (MSc)
12. **Professional English Language** for Physiotherapy Students
13. **Professional English Language** for the Students of Midwifery (2 units).
14. **Research Method** for Physiotherapy Students (MSc)
15. **Physiotherapy in Musculoskeletal Disorders** for Physiotherapy Students (PhD)
16. **Principles of Physiotherapy** for Technical Orthopedic Students
17. **Biomechanics of Spine** for Physiotherapy Students (MSc)
18. **Principles of Rehabilitation** for Rehabilitation Management Students (MSc)
19. **Electrophysiology** for Physiotherapy Students (PhD)
20. **Sports Injuries and Rehabilitation** for Physiotherapy Students (PhD)

## **FIELDS OF CLINICAL RESEARCH INTEREST**

**Pain (Low Back Pain and Neck pain in particular), Musculoskeletal disorders, Randomized Controlled Trial, Spinal Manipulative Therapy, Exercise Therapy, Stabilization Exercises, Electrotherapy, Low Power Laser, Rehabilitative Ultrasound, Surface Electromyography.**

## **REFREES**

### **1. Dr. Barbara Richardson**

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### **4. Dr. Jackie Critchley**

Superintendent Physiotherapist, Outpatient Physiotherapy Department, Norfolk and Norwich Hospital, Norwich, UK.

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