

Curriculum Vita

Name: Farid Bahrpeyma

Birth place: Orumia city, Northwest of Iran

Birth date: 22/09/1964

B.Sc.: Occupational Therapy. Iran University of Medical Sciences. 1987

M.Sc.: Physiotherapy. Tarbiat Modares University. 1990

Ph.D.: Physiotherapy. Tarbiat Modares University. 2002

- Lecturer in physiotherapy department (1993- 2002)
 - Assistant professor of physiotherapy (2002-2018)
 - Associate professor of physiotherapy (since 2018)
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Research fields:

- The effect of exercise training on muscles characteristics and performance
 - Motor control and balance
 - The effect of exercise on diabetic patients
 - Neurological rehabilitation and diabetes
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Research background before academic position:

- Member of Tehran cybernetic hand project. First generation: Amir Kabir University of Technology (Tehran Polytechnic), Faculty of Electrical Engineering (1989- 1992). Third generation: Tehran University, Faculty of Engineering (1993-1995)
 - Member of "designing, manufacturing and analysis of electromyography signals" project: Janbazan (veterans) Medical and Engineering Research Center (1992- 1994).
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Professional experiences:

- Part time fitness trainer and slimming consultant at Javan sport club (1993 to 2009).
 - Sport physiotherapist at Javan Sport club (1993 to 2009).
 - Part time physiotherapist in private clinic since 1996.
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Certifications:

- Certificated in Spinal Manual Therapy
 - Certificated in Dry Needling
 - Certified Mulligan Practitioner
 - Certificated in Auriculotherapy
 - Certificated in Kinesiotaping
 - Certificated in Massage
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Currently I teach these courses:

- 1- Kinesiological Electromyography (for physiotherapy M.Sc. students)
 - 2- Spinal Mobilization Techniques (for physiotherapy M.Sc. students)
 - 3- Manual Therapy (for physiotherapy PhD. students)
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I taught these courses past years:

- 1- Principles of rehabilitation and related instruments (For biomedical engineering BSc. students)
 - 2- Human Motor Control (for physiotherapy PhD. students)
 - 3- Analysis of Human Movement (for physical education PhD. students)
 - 4- Physical Therapy in Sport (for physiotherapy PhD. students)
 - 5- Anatomy and Kinesiology (for physical education MSc. students)
 - 6- Biomechanics of Human Gait (for physiotherapy M.Sc. students)
 - 7- Biomechanics of Human Movement (for physiotherapy M.Sc. students)
 - 8- Movement Anatomy (for physical education M.Sc. students)
 - 9- Electromyographic Kinesiology (for physical education M.Sc. and PhD. students)
 - 10- Advanced physiology of neuromuscular system (for physiotherapy PhD. students)
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Printed papers

- Investigating quantitative relationship between mean and median frequency of surface electromyogram in three types of muscle contraction. Oskuee M. A. E., Firoozabadi S. M. P., Bahrpeyma F., Faghihzadeh S.; Scientific Journal of Shahed University: Vol. 2, No. 5-6, 1994. (article in Persian)
- Effect of ultraviolet light on durability of amniotic membrane as a skin allograft in burned patients. Javanshir K., Ashayeri M., Sharafi A., Bahrpeyma F.; Nabz: Vol. 7, No. 6, 1998. (article in Persian)
- Proposing a novel method for detecting motor points and electrode placement in shoulder muscles to recording surface electromyography. Bahrpeyma F., Hashemi S. M., Karimi H., Firoozabadi S. M. P.; Medical Journal of Modares: Vol. 5, No. 1, 2002. (article in Persian)
- Comparison of clinical aspects of Amniotic membrane rejection in irradiated and unirradiated allografts with ultraviolet radiation in second degree burning. Javanshir K., Ashayeri M., Bahrpeyma F.; Journal of Babol University of Medical Sciences: Vol. 7, No. 4, 2005. (article in Persian)
- Comparison the effect of medical training therapy and stability exercises on functional instability of lumbar spine. Bahrpeyma F.; Journal of Rafsanjan University of Medical Sciences: Vol. 7, No. 4, 2006. (article in Persian)
- Investigating the effect of hip position on electromyographic activity of some hip and knee muscles during squatting; Reyhani Z., Bahrpeyma F., Bagheri H.; Journal of Iran University of Medical Sciences (Razi Journal of Medical Sciences): Vol. 13, No. 53, 2006. (article in Persian)
- Comparison the effect of topical hydrocortisone and clobetasol phonophoresis on reducing of pain in knee osteoarthritis. Sedghimehr T., Bahrpeyma F.; Iranian journal of physiology and pharmacology: Vol. 10, No. 4, 2006. (article in Persian)

- Investigating the effect of "Vacuum- Compression Therapy" on blood circulation of Diabetic lower extremity. Rezai K., Bahrpeyma F.; Iranian Journal of Diabetes and Metabolism: Vol. 6, No. 4, 2007. (article in Persian)
- Effect of Grade 1 Mobilization on Osteoarthritic Knee Pain. Tavakkoli M., Bahrpeyma F.; zahedan journal of research in medical sciences: Vol. 11, No. 4, 2009. (article in Persian)
- Contribution of peripheral and central fatigue in different conditions (Gender and Time of Day Differences); Nourshahi M., Alirezaei F., Bahrpeyma F.; Journal of Human Kinetics: vol. 25, 2010.
- Effect of Grade 1 Mobilization of Patellofemoral Joint on Reducing Pain and Joint Stiffness and Improving Physical Function in Patients with Knee Osteoarthritis. Tavakkoli M., Bahrpeyma F., Horizon of Medical Sciences: Vol. 16, No. 1, 2010. (article in Persian)
- The effect of "constraint induced movement therapy" on velocity and gait kinetics in hemiparetic patients. Shaikh M., Bahrpeyma F., Ebrahimi Takamjani E., Forough B.; Razi Journal of Medical Sciences: Vol. 17, No. 78 & 79, 2010-2011. (article in Persian)
- Comparison between "Conventional Physical Therapy" and "Conventional Physical Therapy with Visual Biofeedback" on Static Postural Stability after Stroke. Soltani Someeh A., Bahrpeyma F., Esteki A., Phorough B., Mirzaie H., Ghomashchi H., Rajabali S.; Medical Journal of Tabriz University of Medical Sciences and Health Services: Vol. 32, No. 6, 2011. (article in Persian)
- Dynamic pattern of postural fluctuations during quiet standing: A new recurrence quantification approach: Ghomashchi H., Estaki A., Nasrabadi A.M., Sprott J.C., Bahrpeyma F.; International Journal of Bifurcation and Chaos (IJBS). Vol. 21, No. 4, (2011).
- Dynamic stability training improves standing balance control in neuropathic patients with type 2 diabetes: Salsabili H., Bahrpeyma F., Forugh B., Rajabali S.; Journal of Rehabilitation Research and Development (JRRD), Vol. 48, No. 7, 2011.
- The effect of "Intermittent pneumatic compression" on arterial blood flow and neuropathy in lower extremity of diabetic patients. Taherian S., Bahrpeyma F., Keshavarz A., Sarmadi A., Ala M., Iarjani B., Mohajeri Tehrani M.; Iranian Journal of Diabetes and Metabolism: Vol. 10, No. 3, 2010. (article in Persian)
- Effects of eccentric and concentric exercises on some blood biochemical parameters in patients with type 2 diabetes. Hajihassani A., Bahrpeyma F., Bakhtiari A. H., Taghikhani M.; Koomesh: Vol. 13, No. 3, 2012.
- The effect of fatigue and instability on postural control parameters in standing posture in healthy adults and patients with chronic low back pain. Kahlaee A.H., Bahrpeyma F., Estaki A.; Zahedan Journal of Research in Medical Sciences, Vol. 14, No. 6, 2012.
- Effect of Exercises Downhill and Uphill Running on Serum Adiponectin and Glucose in Type-2 Diabetic Patients. Hajihassani A.H., Bahrpeyma F., Bakhtiari A.H., Taghikhani M.; Journal of Gorgan University of Medical Sciences: Vol. 14, No. 3, 2012.
- Spectral characteristics of postural sway in diabetic neuropathy patients participating in balance training. Salsabili H., Bahrpeyma F., Esteki A., Karimzadeh M., Ghomashchi H.; Journal of Diabetes and Metabolic disorders, Vol.12, No. 29, 2013.

- Study the effect of “constraint-induced movement therapy “on symmetry of spatiotemporal gait parameters in hemiparetic patients. Sheikh M., Bahrpeyma F., Ebrahimi I., Forogh B., Hosseini H.A., Ravari M.; Journal of Paramedical Sciences & Rehabilitation: Vol. 2, No. 1, 2013.
- The relationship between duration of type two diabetes and knee muscles strength. Hatef B., Bahrpeyma F., Mohajeri Tehrani M. R., Motamed vaziri P., Ahmadi M.; Physical Treatments: Vol. 3, No. 2, 2013.
- The effect of intermittent pneumatic compression on nerve conduction velocity in diabetic patients. Pashaei M., Bahrpeyma F., Salekzamani Y., Mobasseri M.; Medical Journal of Tabriz University of Medical Sciences and Health Services: Vol. 35, No. 4, 2013.
- Development and Evaluation of a New Weight Lifting Aid Vest. Ghalebeigipoor M., Ataee G.R., Bahrpeyma F., Fatourae N.; Journal of Modern Rehabilitation: Vol. 7, No. 4, 2013.
- Investigation of the Effects of Spinal Pulsed Electromagnetic Field on Spasticity of Lower Extremity and Alpha Motoneuron Excitability in Hemiplegic Patients Using Hmax/Mmax ratio. Abdollahi M., Bahrpeyma F., Forough B.; Cerebrovascular Diseases: 2013
- Effect of Spinal Pulsed Electromagnetic Field on Hmax/Mmax Ratio in Hemiplegic Patients After Stroke. Abdollahi M., Bahrpeyma F., Forough B.; Cerebrovascular Diseases: 2013
- Comparison of Rehabilitation Plus Joystick Verses Routine Rehabilitation Treatment on Hand Muscles Stiffness in Hemiplegic Patients. Motamedvaziri P., Bahrpeyma F., Firoozabadi M., Shamili A., Forough B.; Gorgan University of Medical Sciences: Vol. 16, No. 3, 2014.
- Comparing the application of combined low frequency rTMS and rehabilitation therapy with rehabilitation therapy alone on the stiffness of hand muscles in stork patients. Moatamedvaziri P., Bahrpayma F., Frouzabadi S., Forough B.; Scientific Journal of Ilam University of Medical Sciences: Vol. 21, No. 7, 2014.
- Effect of low frequency rTMS on stiffness of joints of the upper limbs in hemiplegic patients. Motamedvaziri P., Bahrpeyma F., FiroozAbadi S.M., Hatef B.; Scientific Journal of Kurdistan University of Medical Sciences: Vol. 19, No. 2, 2014.
- Low Frequency Repetitive Transcranial Magnetic Stimulation to Improve Motor Function and Grip Force of Upper Limbs of Patients with Hemiplegia. Motamed Vaziri P., Bahrpeyma F., Firoozabadi M., Forough B., Hatef B., Sheikhhoseini R., Shamili A.; Iranian Red Crescent Medical Journal: Vol. 16, No. 8, 2014 .
- The comparison of muscle strength and short term endurance in the different periods of type 2 diabetes. Hatef B., Bahrpeyma F., Mohajeri Tehrani M.R.; Journal of Diabetes and Metabolic Disorders, Vol. 13, No. 22, 2014.
- Effects of Eccentric and Concentric Exercises on Some Functional Activity Indexes of Patients With Diabetes Type 2. Hajihassani A., Bahrpeyma F., Bakhtiary A.H.; Middle East journal of Rehabilitation and Health studies. Vol. 1, No. 1, July 2014.
- Muscle isokinetic strength and endurance in short- and long-term type 2 diabetes: Hatefa B., Bahrpeyma F., Moatamed Vaziri P.; Isokinetics and Exercise Science: Vol. 22, No. 4, 2014.

- Determining the Effect of Intermittent Pneumatic Compression Method on Improvement of Balance and Valk and Michigan Neuropathy Questionnaires in Patients with Type 2 Diabetes Mellitus. Salek S., Bahrpeyma F., Mohajeri-Tehrani M.R., Faghihzadeh S.; Iranian Journal of Diabetes and Metabolism: Vol. 14, No. 1, 2014.
- Study on Effect of Electromagnetic Therapy on Nitric Oxide Level and Ankle Brachial Index of Type 2 Diabetic Patients. Rahmani T., Bahrpeyma F., Iranparvar M., Taghikhani M.; Journal of Ardabil University of Medical Sciences: Vol. 14, No. 3, 2014.
- Electromyographic activity of erector spinae and external oblique muscles during trunk lateral bending and axial rotation in patients with adolescent idiopathic scoliosis and healthy subjects. Farahpour N., Younesian H., Bahrpeyma F.; Clinical Biomechanics: Vol. 30, No. 5, 2015.
- Intermittent pneumatic compression therapy improves functional and dynamic balance and neuropathy severity in neuropathic patients with type 2 diabetes. Salek S., Bahrpeyma F., Mohajeri-Tehrani M.R.; International Journal of Diabetes in Developing Countries: Vol. 35, No. 3, 2015.
- Effects of eccentric and concentric exercises on postural sway in type 2 diabetic patients. Hajjhasani A., Bahrpeyma F., Bakhtiari A.; Koomesh: Vol. 17, No. 2, 2016.
- Effect of ischemic compression for cervicogenic headache and elastic behavior of active trigger point in the sternocleidomastoid muscle using ultrasound imaging. Jafari M., Bahrpeyma F., Togha M.; Journal of Bodywork & Movement Therapies: 21 (2017)
- The effects of Task-Oriented Motor Training on gait characteristics of patients with type 2 diabetes neuropathy. Salsabil S., Bahrpeyma F., Esteki A.; Journal of Diabetes & Metabolic Disorders: (2016) 15:14
- Novel method to measure active myofascial trigger point stiffness using ultrasound imaging Jafari M., Bahrpeyma F., Mokhtari-Dizaji M., Nasiri A.; Journal of Body work and Movement Therapies: Vol. 22, No.2, 2018.
- A sonographic comparison of the effect of dry needling and ischemic compression on the active trigger point of the sternocleidomastoid muscle associated with cervicogenic headache: A randomized trial. Togha M., Bahrpeyma F., Jafari M., Nasiri A.; Journal of Back and Musculoskeletal Rehabilitation: No. 21, Nov., 2019.
- The effect of aerobic and resistance exercise training on the health related quality of life, physical function, and muscle strength among hemodialysis patients with Type 2 diabetes. Jamshidpour B., Bahrpeyma F., Khatami MR.; Journal of Bodywork and Movement Therapies: Vol. 24, No. 2, 2020.
- Effect of a 6-week strength-training program on neuromuscular efficiency in type 2 diabetes mellitus patients. Shahrjerdi S., Bahrpeyma F., Savelberg H. H. C. M., Mohajeri-Tehrani M.R. Diabetology International: 2020.
- Effects of a six-week endurance weight training program on bioelectrical activity of muscles and functional tests in patients with type 2 diabetes mellitus. Seyed Ahmad Bagherian, Farid Bahrpeyma, Samira Shahrjerdi, Benyamin Shabani; Clinical Diabetology 2021, Vol. 10