

Alireza Motealleh





Professor of physiotherapy

Date of birth: 1974-12-31

Marital status: Married

Citizenship: Iranian

 Chamran Blvd., Abiverdi 1 Ave.,
Shiraz, Iran

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Academic appointments

- **Full professor in physiotherapy** | Faculty of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran (2022)
- **Associate professor in physiotherapy** | Faculty of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran (2017)
- **Assistance professor in physiotherapy** | Faculty of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran (2012)
- **Lecturer of physiotherapy** | Faculty of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran (2000)

Languages

ENGLISH – C1

Persian – Mother Tongue

Skills

- **Physiotherapy practice since 1998** (Manual therapy, Exercise therapy, Dry needling, Taping)
- **Physiotherapy research** (Basic and Randomized Clinical Trials)
- **Physiotherapy education** (Clinical, Practical, Theoretical)

Education

- **Physiotherapy , Ph.D.** | Iran university of Medical Sciences, Tehran, Iran (2005-2010)
- **Physiotherapy, M.Sc.** | Shiraz University of Medical Sciences, Shiraz, Iran (2000-2002)
- **Physiotherapy , B.Sc.** | Shiraz University of Medical Sciences, Shiraz, Iran (1994-1998)

Work History

- **Dean of Faculty of Rehabilitation (2020-present)**
Shiraz University of Medical Sciences, Shiraz, Iran
- **Head of research ethics Committee (2020-present)**
Shiraz University of Medical Sciences, Shiraz, Iran
- **Member of the Shiraz University of Medical Sciences council (2020-present)**
- **Member of the audit board of the Shiraz University of Medical Sciences (2020-present)**
- **Member of the Board of physiotherapy Examiners (2017-2019)**
- **Head of Department of physiotherapy (2012-2018)**
Shiraz University of Medical Sciences, Shiraz, Iran
- **Editor-in-Chief: Journal of Rehabilitation Sciences and Research. (2012-2017)**
- **Editorial board of Journal of Rehabilitation Sciences and Research. (2012 to present)**
- **Chair of student research committee in faculty of rehabilitation. (2012 to 2017).**
Shiraz University of Medical Sciences, Shiraz, Iran



Courses

- Neurological physiotherapy
- Orthopedic physiotherapy
- Rheumatological physiotherapy
- Orthotics and prosthetics
- Exercise Therapy in Hemiplegia
- Surface EMG for M.Sc. Physiotherapy (Theoretical and Practical fields)
- Surface EMG for M.Sc. Sport physiotherapy (Theoretical and Practical fields)
- Sports biomechanics (Theoretical and Practical)
- Sport injuries
- Physiotherapy in Sport injuries
- Motor control for Ph.D. students
- Advanced neurophysiology for Ph.D. students
- Dry needling and taping for Ph.D. students
- Clinical practice tutoring in physiotherapy departments affiliated with Shiraz University of Medical Sciences



Membership

- Iranian Physiotherapy Association
- Iranian Medical Council



Honors and Awards

- **Ranked 1st in research**, Presented by the Chancellor of Shiraz University of Medical Sciences. (2022)
- Participation in writing a chapter of **Award-winning book of the year in Iran**, "Essentials of ergonomics and human factors engineering". (2022)
- **Excellence in Practice Plaque**, Iranian physiotherapy association.(2021)
- **Ranked 1st in research**, Presented by the Chancellor of Shiraz University of Medical Sciences.(2016)
- **Excellence in Practice Plaque**, Iranian physiotherapy association.(2016)
- **Excellence in Teaching Plaque**, Presented by the Chancellor of Shiraz University of Medical Sciences.(2013)
- **Top student** in Ph.D.PT. (2010)
- **Excellence in Practice Plaque**, Iranian physiotherapy association.(2005)
- **Excellence in Practice Plaque**, Iranian physiotherapy association.(2004)
- **Excellence in Practice Plaque**, Iranian physiotherapy association.(2003)



Research interests

- **Musculoskeletal rehabilitation**
- **Patellofemoral pain syndrome**
- **Biomechanics of Human motion**
- **Balance**
- **Non-invasive brain stimulation**



Google scholar link:

https://scholar.google.com/citations?hl=en&user=WR5UGpkAAAAJ&view_op=list_works&sortby=pubdate



Peer-reviewed journal papers

1. Haghghat F, Rezaie MR, Ebrahimi S, Shokuhian MR, **Motealleh A**, Salehi R, Parnianpour M. The Correlation between Intersegmental Coordination Variability and Frontal Plane Hip Kinematics during Running in Persons with Patellofemoral Pain. *Journal of Biomedical Physics and Engineering*. 2021; 14(1):89-98.
2. Kaedi S, Yoosefinejad AK, **Motealleh A**, Sobhani S. The Immediate Effects of Spiral Kinesio Taping on In-toeing Gait Pattern in Children with Spastic Diplegic Cerebral Palsy. *Journal of Advances in Medical and Biomedical Research*.2023;31(147):323-329.
3. Shokri E, Razeghi M, Shahraki HR, Jalli R, **Motealleh A**. The Use of Cluster Analysis by Partitioning around Medoids (PAM) to Examine the Heterogeneity of Patients with Low Back Pain within Subgroups of The Treatment Based Classification System. *Journal of Biomedical Physics and Engineering*. 2023; 13(1): 89-98.
4. Khademi S, Yoosefinejad AK, **Motealleh A**, Rezaei I, Abbasi L, Jalli R. The Sono-elastography evaluation of the immediate effects of neurodynamic mobilization technique on median nerve stiffness in patients with carpal tunnel syndrome. *Journal of Bodywork and Movement Therapies*. 2023; 36:62-68.
5. Bervis S, Kahrizi S, Parnianpour M, Amirmoezzi Y, Shokouhyan MR, **Motealleh A**. Amplitude of Electromyographic Activity of Trunk and Lower Extremity Muscles during Oscillatory Forces of Flexi-Bar on Stable and Unstable Surfaces in People with Nonspecific Low Back Pain. *J Biomed Phys Eng*. 2022; 5:421-534.
6. Haghghat F, Arjomand S, Ghasemi S, Afkhami E, Montaseri H, **Motealleh A**. Effects of phonophoresis of Aloe vera gel and ultrasound on knee osteoarthritis: A randomized controlled trial. *Journal of Herbal Medicine*.2022;36:100606.
7. Ramezani M, Yoosefinejad A, **Motealleh A**, Ghofrani M. Comparison of flexion relaxation phenomenon between female yogis and matched non-athlete group. *BMC Sports Science, Medicine and Rehabilitation*. 2022; 14(1):1-7.
8. Yoosefinejad A, Mazaheri M, Sobhani S, **Motealleh A**. Electromyographic Onset and Activity Level of Medial and Lateral Hamstrings, Vastus Medialis Obliquus, and Vastus Lateralis in Women with Patellofemoral Pain During Stair Descent. *Journal of Rehabilitation Sciences and Research*.2022; 9(3):128-133.
9. Abbasi L, Rojhani Z, Roshdi G, Razeghi M, **Motealleh A**. Spinal adaptation following exercise training: narrative Review. *Journal of Rehabilitation Sciences and Research*. 2022; 9(2):55-59.
10. Sinaei E, Foroozantabar V, Yoosefinejad A, Sobhani S, **Motealleh A**. Electromyographic comparison of vastus medialis obliquus facilitatory versus vastus lateralis inhibitory Kinesio-taping in athletes with patellofemoral pain: A randomized clinical trial. *Journal of Bodywork and Movement Therapies*. 2021; 28: 157-163.



Peer-reviewed journal papers (cont.)

11. Javadpour S, Sinaei E, Salehi R, Zahednejad S, **Motealleh A**. Comparing the effects of single-task versus dual-task balance training on gait smoothness and functional balance in community-dwelling older adults: a randomized controlled trial. *Journal of Aging and Physical Activity*. 2021; 27: 1-8.
12. Haghghat F, Ebrahimi S, Rezaie MR, Shafiee E, Shokouhyan MR, **Motealleh A**, Parnianpour M. Trunk, Pelvis, and Knee Kinematics during Running in Females with and without Patellofemoral Pain. *Gait & posture*. 2021; 89: 80-85.
13. Farazdaghi MR, Yoosefinejad AK, Abdollahian n, Rahimi M, **Motealleh A**. Dry needling trigger points around knee and hip joints improves function in patients with mild to moderate knee osteoarthritis. *Journal of Bodywork and Movement Therapies*. 2021; 27: 597-604.
14. Haghghat F, Rezaie M, Ebrahimi S, Shokouhyan M, **Motealleh A**, Parnianpour M. Coordination Variability During Walking and Running in Individuals with and Without Patellofemoral Pain Part 2: Proximal Segments Coordination Variability. *Journal of Medical and Biological Engineering*. 2021; 41: 305-313.
15. Haghghat F, Rezaie M, Ebrahimi S, Shokouhyan M, **Motealleh A**, Parnianpour M. Coordination variability during walking and running in individuals with and without patellofemoral pain Part 1: Lower limb intersegmental coordination variability. *Journal of Medical and Biological Engineering*. 2021; 41: 295-304.
16. **Motealleh A**, Sinaei E, Nouraddinifard E, Rezaei I. Comparison of postural control in older adults under different dual-task conditions: A cross-sectional study. *Journal of Bodywork and Movement Therapies*. 2021; 26: 443-447.
17. Gholami M, Kamali F, Mirzeai M, **Motealleh A**, Shamsi M. Effects of kinesio tape on kinesiophobia, balance and functional performance of athletes with post anterior cruciate ligament reconstruction: a pilot clinical trial. *BMC Sports Sci Med Rehabil*. 2020; 14;12: 57.
18. Farazdaghi MR, Razeghi M, Sobhani S, Raeisi Shahraki H, **Motealleh A**. A new clustering method for knee movement impairments using partitioning around medoids model. *Iran J Med Sci*. 2020 Nov;45(6):451-462.
19. Heydari Armaki R, Abbasnia K, **Motealleh A**. Comparison of Trunk Flexion Proprioception Between Healthy Athletes and Athletes with Patellofemoral Pain. *J Sport Rehabil*. 2020; 12;1-7.
20. **Motealleh A**, Barzegar A, Abbasi L. The immediate effect of lumbopelvic manipulation on knee pain, knee position sense, and balance in patients with patellofemoral pain: A randomized controlled trial. *J Bodyw Mov Ther*. 2020;24(3):71-77.
21. Samani M, Yoosefinejad A, Campos M, Lira A, **Motealleh A**. Changes in Knee Vastii Muscle Activity in Women with Patellofemoral Pain Syndrome During the Menstrual Cycle. *PM R*. 2020 Apr;12(4):382-390.
22. Taghizadeh Sh, Pirouzi S, Zamani A, **Motealleh A**, Bagheri Z. Does Muscle Fatigue Alter EEG Bands of Brain Hemispheres? *J Biomed Phys Eng*. 2020;10(2):187-196.
23. Zarei H, Bervis S, Piroozi S, **Motealleh A**. Added value of gluteus medius and quadratus lumborum dry needling in improving knee pain and function in female athletes with patellofemoral pain syndrome: A Randomized Clinical Trial. *Arch Phys Med Rehabil*. 2020 ;101(2):265-274.



Peer-reviewed journal papers (cont.)

24. Abbasi M, Yoosefinejad A, Poursadeghfard M, ParsaeiJahromi F, **Motealleh A**, Sobhani S. Whole body vibration improves core muscle strength and endurance in ambulant individuals with multiple sclerosis: A randomized clinical trial. *Multiple sclerosis and related disorders*. 2019; 32:88-93.
24. Emami F, Yoosefinejad A, **Motealleh A**. Comparison of static and dynamic balance during early follicular and ovulation phases in healthy women, using simple, clinical tests: a cross sectional study. *Gynecol Endocrinol*. 2019 Mar;35(3):257-260.
25. **Motealleh A**, Mohamadi M, Biabani Moghadam M, Nejati N, Arjang N, Ebrahimi N. Effects of Core Neuromuscular Training on Pain, Balance, and Functional Performance in Women with Patellofemoral Pain Syndrome: A Clinical Trial. *J Chiropr Med*. 2019 Mar;18(1):9-18.
26. Foroughi F, Sobhani S, Yoosefinejad A, **Motealleh A**. Added value of isolated core postural control training on knee pain and function in women with patellofemoral pain syndrome: a randomized controlled trial. *Arch Phys Med Rehabil*. 2019;100(2):220-229.
27. **Motealleh A**, Yoosefinejad A, Ghoddosi M, Azhdari N, Pirouzi S. Trunk postural control during unstable sitting differs between patients with patellofemoral pain syndrome and healthy people: A cross-sectional study. *Knee*. 2019; 26(1):26-32.
28. Sobhani S, Sinaei E, **Motealleh A**, Hooshyar F, Sami Kashkooli N, Kordi Yoosefinejad A. Combined effects of whole-body vibration and unstable shoes on balance measures in older adults: A randomized clinical trial. *Arch Gerontol Geriatr*. 2018; 78:30-37.
29. Ebrahimian M, Razeghi M, Zamani A, Bagheri Z, Rastegar K, **Motealleh A**. Does High Frequency Transcutaneous Electrical Nerve Stimulation (TENS) Affect EEG Gamma Band Activity? *J Biomed Phys Eng*. 2018 Sep; 8(3): 271–280.
30. Sahranavard M, Aghayari A, **Motealleh A**, Farhadi A. The effect of core stability exercises on pain and performance of athletes with chronic ankle instability. *Journal of North Khorasan University of Medical Sciences*.2018; 10 (1), 98-104.
31. Samani M, **Motealleh A**, Yazdani S, Abbasi L. Effects of Myofascial Release Technique on Pain and Disability in Patients with Chronic Lumbar Disc Herniation: A Randomized Trial. *Phys Med Rehab Kuror*.2017; 27(04): 218-225.
32. Farazdaghi M, **Motealleh A**, Abtahi F, Andrej Panjan A, Šarabon N, Ghaffarinejad F. Effect of sacroiliac manipulation on postural sway in quiet standing: a randomized controlled trial. *Brazilian Journal of Physical Therapy*. 2018;22(2):120-126.
33. Yoosefinejad AK, **Motealleh A**, Babakhani M. Evaluation of validity and reliability in the Persian version of the Functional Index of Hand Osteoarthritis. *Rheumatology international*. 2017 May;37(5):719-725.
34. Yoosefinejad AK, **Motealleh A**, Abbasnia K. The immediate effects of lidocaine iontophoresis using interferential current on pressure sense threshold and tactile sensation. *Therapeutic delivery*. 2016;7(3):163-9.



Peer-reviewed journal papers (cont.)

35. **Motealleh A**, Gheysari E, Shokri E, Sobhani S. The immediate effect of lumbopelvic manipulation on EMG of vasti and gluteus medius in athletes with patellofemoral pain syndrome: A randomized controlled trial. *Manual therapy*. 2016; 22:16-21.
36. Yoosefinejad AK, **Motealleh A**, Abbasalipur S, Shahroei M, Sobhani S. Can inhibitory and facilitatory kinesiotaping techniques affect motor neuron excitability? A randomized cross-over trial. *Journal of Bodywork and Movement Therapies*. 2017; 21(2):234-239.
37. Biabanmoghadam M, **Motealleh A**, Cowan SM. Core muscle recruitment pattern during voluntary heel raises is different between patients with patellofemoral pain and healthy individuals. *The Knee*. 2016;23(3):382-6.
38. Yoosefinejad AK, **Motealleh A**, Khademi S, Hosseini SF. Lower Endurance and Strength of Core Muscles in Patients with Multiple Sclerosis. *International Journal of MS Care*. 2017;19(2):100-104.
39. Rezaeian N, Motealleh A, Etemadi Y. Effect of Color on Grip Strength and Fatigue in College Students. *International Journal of Public Health Research*. 2015; 3 (5), 300-303.
40. **Motealleh A**, Maroufi N, Sarrafzadeh J, Sanjari MA, Salehi N. Comparative Evaluation of Core and Knee Extensor Mechanism Muscle Activation Patterns in a Stair Stepping Task in Healthy Controls and Patellofemoral Pain Patients. *Journal of Rehabilitation Sciences and Research*. 2014;1(4), 84-91.
41. Rojhani Shirazi Z, Biabani Moghaddam M, **Motealleh A**. Comparative evaluation of core muscles recruitment pattern in response to sudden external perturbations in patients with patellofemoral pain syndrome and healthy subjects. *Arch Phys Med Rehabil*. 2014; 95(7):1383-9.
42. Pirouzi, S., **Motealleh, A.**, Fallahzadeh, F., Fallahzadeh, M A. Effectiveness of Treadmill Training on Balance Control in Elderly People: A Randomized Controlled Clinical Trial. *IJMS*. 2014; 39(6):565.
43. Biabani Moghaddam M, Rojhani Shirazi Z, **Motealleh A**. Core and lower extremity muscle recruitment pattern in response to an unexpected external perturbation in patients with patellofemoral pain syndrome and healthy individuals. *Gait & Posture*. 2013; 38: S51.
44. Ebrahimi, S., Abbasnia K., **Motealleh A.**, Kooroshfard N., Kamali F. and Ghaffarinezhad F. Effect of lidocaine phonophoresis on sensory blockade: pulsed or continuous mode of therapeutic ultrasound? *Physiotherapy*. 2012; 98 (1):57-63.
45. **Motealleh, A.**, Maroufi, N., Sarrafzadeh, J. and Sanjari, M.A. The test-retest reliability of the onset of core and vasti electromyographic activity while ascending and descending stairs in healthy controls and patellofemoral pain patients. *MJIRI*. 2011; 24(4): 221-231.
46. **Motealleh, A.** Comparison of the effects of three types of endurance exercises, coordination exercises and their combinations on improvement of pain and disability of chronic low back pain. *Scientific journal of Hamadan university of medical sciences*. 2005; 12(2):58-63.
47. Kamali, F., **Motealleh, A.** Prevalence of forward head posture and its relationship with activity of trigger points of shoulder region in high school students of Shiraz. *Urmia Medical J*. 2003; 13(4): 281-288.



Peer-reviewed journal papers (cont.)

Other publications:

48. **Motealleh, A.**, Posture. Scientific Quarterly Journal of Physical therapy of Rehabilitation College, Shiraz University of Medical Sciences 2003, 20:39-48.
49. **Motealleh, A.**, Plyometric exercise. Scientific Quarterly Journal of Physical therapy of Rehabilitation College, Shiraz University of Medical Sciences 2001, 17:3-13.

Research presentations:

49. Taghizadeh, Sh. and **Motealleh, A.** Evaluation of the effect of foot reflexology on pain and disability of women with chronic low back pain, in 6th seminar in specific spinal physical therapy. 2005: Tehran, Iran.
50. **Motealleh, A.**, Maroufi, N. and Akhbari, B. Tai Chi and LBP rehabilitation, in 7th seminar in specific spinal physical therapy. 2005: Tehran, Iran.
51. Kamali, F., **Motealleh, A.** and Darabi, M., Evaluation of the prevalence of forward head posture and its effect on activity of shoulder girdle trigger points in Shiraz high school students, in 10th physiotherapy congress of Iran.1999: Tehran, Iran



Supervision and Advisor of thèses

1. Khademi S. Comparison of the Effects of Neurodynamic Mobilization and Use of Orthosis on Median Nerve Stiffness in Patients with Carpal Tunnel Syndrome by Sonoelastography. Physiotherapy PhD thesis. Shiraz University of Medical Sciences; 2023.
2. Jafari F. Reliability, validity and cultural compatibility of the Persian version of constant score in overhead athletes with shoulder impingement syndrome. Sports Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2023.
3. Rastegar A. The evaluation of the priming effect of transcranial direct current stimulation over primary motor cortex and primary somatosensory cortices on the effect of exercise training on pain function balance kinesio-phobia and quality of life in patients with knee osteoarthritis a multi session tDCS study. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2023.
4. Mohtashamzadeh Z. Comparison of the effects of transcranial direct current stimulation (tDCS) plus exercises with exercises alone on pain , function and balance in patellofemoral pain. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2023.
5. Goosheh M. Evaluating the Effects of Rocker-Shoes on the Knee, Hip and Pelvic Kinematic During Running in Athletes with Patellofemoral Pain. Sports Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2021.
6. Ahmadi E. Comparison of unstable seated core postural control training with hip and knee strength training on pain, function and proprioception in patients with patellofemoral pain. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2021.
7. Ahmadipour N. Comparing proprioception weighting changes between healthy and Patellofemoral pain syndrome patients. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2021.
8. Haghghat F. The simultaneous assessment and comparison of lower extremity, pelvis and trunk inter segmental coordination, coordination variability and kinematic characteristics in patellofemoral pain and normal subjects during walking and running. Physiotherapy PhD thesis. Shiraz University of Medical Sciences; 2021.
9. Farahbakhsh F. Comparison of Effectiveness Sensorimotor Training Exercise versus Hip +Knee & Trunk Strengthening Exercise on the Improvement Pain & Function Patients with Patellofemoral Pain Syndrome – A Randomized Control Trial. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2021.
10. Daman M. Investigation the effect of valgus unloading knee brace on gait harmonic ratio in patients with medial compartment knee osteoarthritis. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2020.
11. Khakbaz A. comparison of the prevalence of sacroiliac joint dysfunction between females with and without stress urinary incontinence. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2020.



Supervision and Advisor of thèses

12. Bervis S. Comparing the effects of vibrational exposure to lumbar/ankle muscles and exercise with flexible pole on COP displacement and trunk and lower extremity muscular activity between healthy & non-specific chronic low back pain subjects. Physiotherapy PhD thesis. Shiraz University of Medical Sciences; 2020.
13. Shokri S. The use of statistical PAM analysis in clinical clustering based on the treatment based classification system and kinematic clustering by video fluoroscopy to differentiate patients with low back pain. Physiotherapy PhD thesis. Shiraz University of Medical Sciences; 2019.
14. Mazaheri M. Comparison of vastus medialis oblique , vastus lateralis , medial and lateral hamstring activation pattern in females with patellofemoral pain syndrome and healthy subjects during stair descending. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2019.
15. Farazdaghi MR. The evaluation of subgroups derived from statistical clustering using PAM method with subgroups of knee movement impairment syndrome classification in patients with knee pain. Physiotherapy PhD thesis. Shiraz University of Medical Sciences; 2019.
16. Gholami M. The effects of kinesio-tape on kinesiophobia, balance and functional performance of athletes post-anterior cruciate ligament reconstruction, in the return - to - sport phase. Sports Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2019.
17. Heidari Armaki R. Comparison of core proprioception between athletic subjects with patellofemoral pain syndrome and healthy subjects. Sports Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2019.
18. Behroozi M. Evaluating the Validity and reliability of the Persian version - cross cultural adaptation - of Physical Activity Scale for the Elderly (PASE). Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2018.
19. Arjomand S. Evaluating the effect of phonophoresis of aloe vera gel on pain and function in patients with knee osteoarthritis (grade 1-3 Kellgren-Lawrence). Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2018.
20. Zarei H. Comparison of the combined gluteus medius and quadratus lumborum dry needling & exercise with exercise alone on knee joint pain and function in female athletes with patellofemoral pain syndrome. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2018.
21. Rahimi N. The effect of dry needling of trigger point around knee and hip on pain, function and proprioception in patient with knee OA. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2018.
22. Kaedi S. The immediate effects of corrective kinesio-taping method on the in - toeing gait pattern in children with spastic diplegic cerebral palsy. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2017.



Supervision and Advisor of thèses (cont.)

23. Foroughi F. The effect of postural control training using unstable sitting on knee joint pain and function in patients with patellofemoral pain syndrome .Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2017.
24. Bahadorifar, H. Evaluation and comparison of the knee joint position sense measurement reliability and validity using image capture technique and isokinetic dynamometry in healthy athletes. Sport Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2017.
25. Abbasi M. The effects of whole body vibration on strength and endurance of core muscles in patients with multiple sclerosis. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2017.
26. Ebrahimian M. The comparison of the effects of high-frequency , low frequency and placebo TENS on brain electrical activity following induced pain in healthy subjects . Physiotherapy PhD thesis. Shiraz University of Medical Sciences; 2017.
27. Zare S. Comparison of Core muscle strength in the frontal plane and sagittal between healthy subjects and patients with patellofemoral pain syndrome. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2016.
28. Nazari, P. Comparison of muscle activation pattern of frontal plane stabilizers of the pelvic in response to an external perturbation between patients with patellofemoral pain syndrome and healthy subjects. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2016.
29. Abdollahian N. The effects of dry needling of trigger points around hip and knee on pain, function and balance in patients with knee OA. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2016.
30. Talavi O. Evaluation of validity and reliability of Persian version of functional index hand osteoarthritis (FIHOA). Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2016.
31. Taghizadeh Sh. The comparison of the effect of 70% and 30% fatigue of adductor pollicis muscle on mirror effect of contralateral limb and brain hemispheres by electromyography and electroencephalography parameters in healthy subjects. Physiotherapy PhD thesis. Shiraz University of Medical Sciences; 2016.
23. Salehi T. Assessing the occurrence of skidding in different amplitude , frequencies and positions in subjects with normal Body Mass index in whole body vibration. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2016.



Supervision and Advisor of thèses (cont.)

33. Gheissary E. Sacroiliac joint manipulation improves pain, function and electromyographic activity of vastus medialis, latralis and geluteus medius in athletes with patellofemoral pain syndrome: a randomized clinical trial. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2015.
34. Khademi S. Evaluation of the endurance and strength indices of core muscle in Multiple Sclerosis patients with walking ability compared with healthy controls. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2015.
35. Samani M. Electromyographic study of VMO and VL muscle during heel and toe rising in clients with patellofemoral pain syndrome in different phases of menstrual cycle. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2015.
36. Shahroee M. Comparison and evaluation of a lateral Gastrocnemius motor neuron excitability in two different kinesio-taping method: origin to insertion versus insertion to origin. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2015.
37. Zareian Jahromi E. comparison of trunk kinematic changes during ascending and descending stairs in women with and without patellofemoral pain syndrome. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2015.
38. Lari H. The effect of kinesio-taping on ankle function and electromyographic activity of gluteal muscles in male football players with chronic ankle sprain between 18 and 40 years old. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2015.
39. Foroozantabar V. Comparison the effects of two muscle taping techniques on the pain electromyographic activity and dynamic balance in athletes with patellofemoral pain syndrome. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2015.
40. Sahranavard M. Effects of core stability training on performance, pain and balance in athletic patients with chronic ankle sprain. Payame Noor university; 2015.
41. Ghoddousi M. Comparison of core neuromuscular control between females with and without patellofemoral pain syndrome. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2015.
42. Mirzaei M. Knee joint biomechanical differences between normal and flat arch feet subjects in back squat using finite element model. Sport Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2014.
33. Mansori A. Evaluating the validity and reliability of the Persian version of patient rated elbow evaluation questionnaire. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2014.



Supervision and Advisor of thèses (cont.)

44. Foroughi, F. Evaluation of the effectiveness of peri-scapular trigger points deactivation on pain and disability in patients with carpal tunnel syndrome. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2014.
45. Barzegar A. The effect of sacroiliac joint manipulation on balance and knee position sense of patients with patellofemoral pain syndrome. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2014.
46. Nouraddini E. The comparison of elderly postural control in two conditions: backward counting task versus controlling center of mass motions. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2014.
47. Fallahzadeh F. Evaluation of the effect of treadmill walking on elderly balance. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2013.
48. Nejati, N. The evaluation of the effects of core stability exercises on balance, performance and pain in individuals with patellofemoral pain syndrome. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2013.
49. Biabani M. Comparative evaluation of electromyographic activation pattern of core and lower limb muscles to external perturbation between patients with patellofemoral pain syndrome and healthy subjects. Physiotherapy M.Sc. Thesis. Shiraz University of Medical Sciences; 2012.
50. Abtahi, F. Comparison of balance before and after of manual therapy in patient with Sacroiliac joint dysfunction. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2012.
51. Samani, M. Evaluation of the effect of myofascial release technique on reducing pain and disability in patients with chronic lumbar disc bulging and protrusion. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2012.
52. Shirzadi, Z. Evaluation of the effect of the shoulder-rotators strengthening exercises on grip strength and pain reduction in patients with tennis elbow. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2012.
53. Chavoshi, H. Determination of the immediate effect of semirigid lumbosacral orthosis on standing balance in discogenic low back pain patients. Physiotherapy B.Sc. Thesis. Shiraz University of Medical Sciences; 2012.
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- 2023: Grant Number 28734 for research project Entitled: The effect of core muscles functional fatigue on time to stabilization and the joints angles of the lower limb during single leg drop jump landing in healthy basketball athletes.
- 2023: Grant Number 29149 for research project Entitled: Evaluation of added value of Shockwave therapy to exercise training on pain and function in patients with traumatic knee meniscal injury.
- 2023: Grant Number 28734 for research project Entitled: The effects of Blood Flow Restriction training on Quadriceps Femoris and Hamstring isokinetic muscles strength, pain, function and proprioception in patients with knee osteoarthritis after Total Knee Arthroplasty
- 2022: Grant Number 26446 for Research Project Entitled: The evaluation of the priming effect of transcranial direct current stimulation over primary motor cortex and primary somatosensory cortices on the effect of exercise training on pain, function, balance, Kinesiophobia and quality of life in patients with knee osteoarthritis a multi session tDCS study
- 2022: Grant Number 26395 for Research Project Entitled: Evaluation and comparison of trunk neuromuscular control between patients with multiple sclerosis and healthy individuals using an unstable seat
- 2022: Grant Number 25653 for Research Project Entitled: Evaluation of the effect of changes gluteus Medius muscle strength on patellofemoral joint stress during stair descent by modeling in patients with patellofemoral pain syndrome compared to healthy people
- 2022: Grant Number 25207 for Research Project Entitled: Comparison of the effects of transcranial direct current stimulation (tDCS) plus exercises with exercises alone on pain, function and balance in patellofemoral pain
- 2019: Grant Number 19483 for Research Project Entitled: Comparison of unstable seated core postural control training with hip and knee strength training on pain, function and proprioception in patients with patellofemoral pain
- 2019: Grant Number 18343 for Research Project Entitled: Comparing proprioception weighting changes between healthy and Patellofemoral pain syndrome patients
- 2019: Grant Number 17816 for Research Project Entitled: Investigation the effect of valgus unloading knee brace on gait harmonic ratio in patients with medial compartment knee osteoarthritis
- 2018: Grant Number 16238 for Research Project Entitled: Comparison of Effectiveness Sensorimotor Training Exercise versus Hip +Knee & Trunk Strengthening Exercise on the Improvement Pain & Function Patients with Patellofemoral Pain Syndrome – A Randomized Control Trial



Grants received (cont.)

- 2018: Grant Number 15331 for Research Project Entitled: The simultaneous assessment and comparison of lower extremity, pelvis and trunk inter segmental coordination, coordination variability and kinematic characteristics in patellofemoral pain and normal subjects during walking and running
- 2018: Grant Number 14034 for Research Project Entitled: The comparison of the prevalence of iliosacral dysfunction sacroiliac joint dysfunction between females with and without stress urinary incontinence
- 2018: Grant Number 13919 for Research Project Entitled: Evaluating the Validity and reliability of the Persian version - cross cultural adaptation - of Physical Activity Scale for the Elderly (PASE)
- 2018: Grant Number 13894 for Research Project Entitled: Comparison of the combined gluteus Medius and quadratus lumborum dry needling & exercise with exercise alone on knee joint pain and function in female athletes with patellofemoral pain syndrome
- 2017: Grant Number 13401 for Research Project Entitled: The evaluation of subgroups derived from statistical clustering using PAM method with subgroups of knee movement impairment syndrome classification in patients with knee pain
- 2017: Grant Number 13037 for Research Project Entitled: The effect of dry needling of trigger point around knee and hip on pain, function and proprioception in patient with knee OA
- 2017: Grant Number 12080 for Research Project Entitled: Comparing the effects of vibrational exposure to lumbar/ankle muscles and exercise with flexible pole on COP displacement and trunk and lower extremity muscular activity between healthy & non-specific chronic low back pain subjects. Shiraz University of Medical Sciences, Shiraz, Iran.
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- 2014: Grant Number 4816 for Research Project Entitled: Evaluation of the effectiveness of periscapular trigger points deactivation on pain and disability in patients with carpal tunnel syndrome. Shiraz University of Medical Sciences, Shiraz, Iran.
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- 2012: Grant Number 2615 for Research Project Entitled: Evaluation of the effect of myofascial release technique on reducing pain and disability in patients with chronic lumbar disc bulging and protrusion. Shiraz University of Medical Sciences, Shiraz, Iran.
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References

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Hobby/interest

- Nature
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